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ABSTRACT

The sixth annual study to determine manpower needs and job opportunities in Nebraska is compiled through employer information regarding the number of persons employed, the job duties of persons employed, and the projection of future needs according to these job descriptions. Since data are presented by "Dictionary of Occupational Titles" coding, the dictionary and also "Vocational Education and Occupations" are necessary references in using this report as a program planning base. Updating of the master list of employers in the State was accomplished through the removal of firms no longer in existence and the addition of new firms. The 1973 report has increased the sample size from three to five percent. Some of the limitations indicated in this study are lack of a current master population listing, no allowance for seasonal labor variations, existence of fluctuations caused by a small sampling, and use of data exclusively from employers. (EA)

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NRCUVE Series #17

OCCUPATIONAL OPPORTUNITIES IN NEBRASKA

1973 REPORT

NEBRASKA RESEARCH COORDINATING UNIT
FOR VOCATIONAL EDUCATION

BOX 33, HENZLIK HALL, CITY CAMPUS
UNIVERSITY OF NEBRASKA
LINCOLN, NEBRASKA 68508

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From
STATE–WIDE COMPUTERIZED MODEL FOR DETERMINING
OCCUPATIONAL OPPORTUNITIES IN NEBRASKA

June, 1973

By
NEBRASKA RESEARCH COORDINATING UNIT
FOR VOCATIONAL EDUCATION
University of Nebraska
In Cooperation With
State Department of Education
Division of Vocational Education

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Nebraska State Department of Education, Division of Vocational Education
Department of Labor, Division of Employment
Department of Economic Development
The Nebraska State Advisory Council for Vocational Education
University of Nebraska Staff and Review Committee

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REPORT OF
STATE–WIDE MODEL FOR DETERMINING
OCCUPATIONAL OPPORTUNITIES IN NEBRASKA

SUMMARY

INTRODUCTION

This is the sixth in a series of annual studies to identify occupational opportunities in the state of Nebraska. This study is the first printing after a major revision of the coding process, data forms, master list and sample size. The method of gathering data remained basically the same as in previous years. Increasing the sample size from three percent to five percent necessitated additional efforts toward recruiting, training and coordinating of employer interviewers.

The emphasis of this study to determine manpower needs and job opportunities has been fulfilled by asking employers to list the number of persons employed, job duties of persons employed (job description), and to project future needs according to these job descriptions.

The data supplied by employers as job descriptions were coded by job title and number using the *Dictionary of Occupational Titles*[1] and related to a corresponding instructional training program and number according to *Vocational Education and Occupations*.[2] Both documents are necessary references when using the *1973 Occupational Opportunities Report* as a program planning base. Increased emphasis on a common document relating job description, training programs and employment opportunity makes the dual coding system desireable for realistic planning of vocational programs. Future plans include the tabulation of graduates from related programs in order to indicate the balance of need by specific areas.

DELIMITATIONS

A delimitation of this study was that it was not possible to obtain a current master population listing for this report. Partial up-dating was done by using information obtained from the Department of Labor, Employment Security Division.

No allowance was made for the seasonal labor "peaks" and "lows" common in work areas. All part-time and seasonal employees were equated in terms of full-time equivalents.

The fluctuations caused by small sampling accounts for variations in certain instructional training areas from one year to another. This variation was evident when comparing all six studies.

Another delimitation common to all six studies was that the data has been obtained exclusively from employers. Employers tend to over- or under-estimate, depending on labor and economic trends.

Self-employed persons are not accounted for within this study with the exception of self-employed farmers.[3]

No attempt has been made within the study to align Instructional Training Programs with actual training programs offered within the state. The training programs listed were the programs designated for identified job titles by the U.S. Office of Education Classification System identified in *Vocational Education and Occupations.*

PROCEDURE

The updating of the master list of employers in the state was accomplished through the removal of firms no longer in existence and the addition of new firms. The original master list was compiled from the following sources: (1) IRS 941 (firms employing one or more persons); (2) IRS 942 (domestic help); (3) IRS 943 (farmers and ranchers employing hired labor); (4) the Employment Security Division of the State Department of Labor (out-of-state firms with in-state locations, and federal, state, local tax exempt agencies); and (5) The State Tax Commissioner (the State Business Master File).

Updating of the master list for this study was done by deleting firms no longer in existence using a compiled list from the Division of Employment of the Nebraska Department of Labor, and adding new firms from the ES 202 listing. Additional firms were dropped from the master list as "dead" firms where identified by interviewers in 1972.

A five percent random sample of the master list yielded 3790 firms employing one or more persons. Each employer was interviewed to determine the number of persons employed, job duties of each employee (job description), numbers of persons needed for the next twelve months and the following two years. Data supplied by the employers as job descriptions were coded by job title and number using the *Dictionary of Occupational Titles*. Instructional training programs for D. O. T. titles were identified through Part II of the U.S. Office of Education publication, *Vocational Education and Occupations*.

A computerized straight line projection technique was used to project: total employed, need next twelve months, reason for need, and need for the following two years.

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[1]U.S. Department of Labor, *Dictionary of Occupational Titles* (Vol. 1, Third Edition), U.S. Government Printing Office, Washington, 1965.

[2]U.S. Office of Education, *Vocational Education and Occupations OE-80061*, U.S. Government Printing Office, Washington, 1969.

[3]Nebraska Department of Agriculture, *Nebraska 1972 Preliminary County Estimates and State Agricultural Data*, (Lincoln: State-Federal Division of Agricultural Statistics, April, 1973), p. 3, (Mimeographed).

EXPLANATION OF TABLES

Table 1, Summary by Occupational Category, lists the total projected employment and need for the three-digit occupational groups as classified by the *Dictionary of Occupational Titles*. Also, included in Table 1, is a breakdown of Occupational Categories by percent of total employment and future need. Tables 2-11, Occupational Group Arrangement of Titles and Codes, show projected employment and future need. These tables include the corresponding Instructional Training Program as listed in *Vocational Education and Occupations*. An asterisk appearing in the Instructional Training Program column indicates job titles which do not have corresponding Instructional Training Programs.

Employment Opportunities, determined from employer interview, were projected to indicate now employed and need for the next twelve months based upon *expansion*, *retirement*, *promotion*, and *turnover*. Need for the following two years, beyond the twelve month projection, was based upon employer estimates.

Subtotals are listed following each Occupational Group (three-digit) and totals are listed at the end of each Occupational Category (one-digit).

Part I projections are based on a single year's survey of employers and does not include the wide variety of occupations that subsequent studies will include. Part II projections are a composite of the most recent five years of the study and, therefore, include many more occupations and is more reflective of the actual trends in occupational opportunities related to instructional programs.

SUMMARY OF OCCUPATIONAL CATEGORIES

Data presented in Table 1 indicates projected employment of Occupational Categories as compiled from the Occupational Groups (Tables 2-11). Previous studies have not presented data by *Dictionary of Occupational Titles* coding; therefore, comparisons of this data from previous years is not available.

Clerical and Sales Occupations represented the *largest* Occupational Category with 192,280 persons now employed or 29.9 percent of the total projected present employment. The Clerical and Sales Occupations encompassed 156 Job Titles (picked up on the 1973 Survey), 7 different Vocational Technical Areas, 142 Instructional Training Programs and 12 Job Titles with no identified Instructional Training Program in the *Vocational Education and Occupations* document.

Professional, Technical, and Managerial Occupations, the *second* largest Occupational Category with 124,360 persons now employed, represented 19.3 percent of the total projected employment. This area of 203 Job Titles involved 7 different Vocational Technical Areas, 104 Instructional Training Programs and 99 Job Titles with no identified Instructional Training Program.

Farming, Fishery, Forestry and Related Occupations, the *third* largest Occupational Category with 84,100 persons now employed, represented 13.1 percent of the total projected employment. This area of 43 Job Titles involved 1 Vocational Area, 41 Instructional Training Programs and 2 Job Titles with no identified Instructional Training Program.

Service Occupations, the *fourth* largest Occupational Category with 82,620 persons now employed, represented 12.9 percent of the total projected employment. This area of 72 Job Titles involved 5 different Vocational Areas, 60 Instructional Training Programs and 12 Job Titles with no identified Instructional Training Program.

Structural Work Occupations, the *fifth* largest Occupational Category with 55,800 persons now employed, represented 8.7 percent of the total projected employment. This area of 84 Job Titles, involved 1 Vocational Area, 73 Instructional Training Programs and 11 Job Titles with no identified Instructional Training Program.

Miscellaneous Occupations, the *sixth* largest Occupational Category with 42,080 persons now employed, represented6.6 percent of the total projected employment. This area of 70 Job Titles involved 4 different Vocational Areas, 39 Instructional Training Programs and 31 Job Titles with no identified Instructional Training Program.

Machine Trades Occupations, the *seventh* largest Occupational Category with 32,920 persons now employed, represented 5.1 percent of the total projected employment. This area of 75 Job Titles involved 3 different Vocational Areas, 57 Instructional Training Programs and 18 Job Titles with no identified Instructional Training Program.

Processing Occupations, the *eighth* largest Occupational Category with 15,120 persons now employed, represented 2.4 percent of the total projected employment. This area of 36 Job Titles involved 2 different Vocational Areas, 19 Instructional Training Programs and 17 Job Titles with no identified Instructional Training Program.

Bench Work Occupations, the *ninth* largest Occupational Category with 12,240 persons now employed, represented 1.9 percent of the total projected employment. This area of 48 Job Titles involved 3 different Vocational Areas, 35 Instructional Training Programs and 13 Job Titles with no identified Instructional Training Program.

Occupations with no DOT Number, the *tenth* largest Occupational Category with 2,220 persons now employed, makes up 0.1 percent of the total projected employment. This area is made up of 4 Job Titles with no Vocational Areas or Instructional Training Programs.

TABLE 1
SUMMARY BY OCCUPATIONAL CATEGORIES

OCCUPATIONAL CATEGORIES	Projected Employment		Projected Future Needs			
			Next 12 Months		Following 2 Years	
	Number	Percentage of Total	Number	Percentage of Total	Number	Percentage of Total
Professional, Technical, and Managerial Occupations	124,360	19.3	15,140	10.9	15,720	9.0
Clerical and Sales Occupations	192,280	29.8	38,060	27.4	44,840	25.6
Service Occupations	82,620	12.8	22,840	16.5	33,080	18.9
Farming, Fishery, Forestry, and Related Occupations	84,100[a]	13.1	9,851[b]	7.1	7,062[b]	4.0
Processing Occupations	15,120	2.4	4,780	3.5	7,240	4.1
Machine Trades Occupations	32,920	5.1	9,260	6.7	12,460	7.1
Bench Work Occupations	12,240	1.9	4,020	2.9	6,280	3.6
Structural Work Occupations	55,800	8.9	11,940	8.6	11,920	6.8
Miscellaneous Occupations	42,080	6.6	22,280	16.1	36,040	20.6
Occupations with no DOT Number	2,220	0.1	480	0.3	560	0.3
Total Occupations	643,740		138,651		175,202	

[a]Includes self-employed farmers, Nebraska Department of Agriculture *Nebraska 1972 Preliminary County Estimates and State Agricultural Data*, loc. cit.

[b]Genereaux, Douglas, *Annual Estimated Replacement Farmer Opportunities in Nebraska*, Agricultural Education Departmental Report No. 3, (Lincoln: University of Nebraska, March, 1967), p. 6 (Mimeographed).

TABLE 2

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Architecture and Engineering										
001.081	Architect	240	40	40	0	0	0	0	*	
001.281	Draftsman, Architectural	240	40	20	0	0	20	60	17.13	Drafting
002.280	Research Mechanic	20	0	0	0	0	0	0	16.0101	Aeronautical Technology
003.081	Electrical Engineer	180	40	20	0	20	0	100	*	
003.281	Instrumentation Technician	160	60	60	0	0	0	60	16.0112	Instrumentation Technology
003.281	Draftsman, Electrical	20	0	0	0	0	0	0	17.13	Drafting
005.081	Civil Engineer	760	240	240	0	0	0	200	*	
005.281	Draftsman, Civil	580	320	320	0	0	0	500	17.13	Drafting
007.081	Mechanical Engineer	1,640	0	0	0	0	0	80	*	
007.081	Tool Designer	320	300	300	0	0	0	320	16.0113	Mechanical Technology
007.281	Draftsman, Mechanical	700	40	40	0	0	0	180	17.13	Drafting
010.081	Petroleum Engineer	20	0	0	0	0	0	0	*	
010.288	Surveyor, Oil Well Directional	20	0	0	0	0	0	0	16.0116	Petroleum Technology
012.168	Systems Analyst, Data Processing	200	60	60	0	0	0	20	14.0204	Systems Analysts
012.188	Time Study Engineer	40	0	0	0	0	0	0	*	
017.281	Draftsman, Apprentice	180	200	200	0	0	0	0	17.13	Drafting
018.188	Surveyor	160	40	20	0	0	20	60	*	
018.587	Rodman, Surveyor helper	20	40	40	0	0	0	0	*	
019.281	Quality Control Technician	20	0	0	0	0	0	0	16.0113	Mechanical Technology
019.281	Office Layout Serviceman	40	0	0	0	0	0	0	16.0499	Office Related Technology
	Subtotal	5,560	1,420	1,360	0	20	40	1,580		
Mathematics and Physical Sciences										
020.168	Programmer, Chief, Business	80	40	40	0	0	0	0	14.0203	Programming
020.188	Programmer, Business	300	60	20	0	20	20	60	14.0203	Programming
020.188	Financial Analyst	240	60	0	0	0	60	60	*	
020.188	Statistical Research	80	20	0	0	20	0	20	*	
022.081	Chemist	80	0	0	0	0	0	20	*	
029.381	Laboratory Tester	120	0	0	0	0	0	20	16.0203	Food Processing Technology
	Subtotal	900	180	60	0	40	80	180		
Life Science										
040.081	Soil Conservationist	260	20	20	0	0	0	20	01.0603	Soil
041.081	Microbiologist	20	0	0	0	0	0	0	*	
045.088	Psychologist	320	40	40	0	0	0	0	*	
045.108	School Counselor	280	20	20	0	0	0	0	*	
	Subtotal	880	80	80	0	0	0	20		

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Social Sciences										
050.088	Economical Analyst	300	40	40	0	0	0	0	*	
050.088	Economist	280	80	0	0	60	20	40	*	
050.088	Market Research Analyst	60	20	20	0	0	0	40	04.01	Advertising Services
	Subtotal	640	140	60	0	60	20	80		
Medicine and Health										
070.101	Surgeon	160	0	0	0	0	0	20	*	
070.108	Anesthesiologist	40	0	0	0	0	0	0	*	
070.108	Physician	2,360	60	20	0	0	40	40	*	
072.108	Dentist	1,200	20	0	20	0	0	20	*	
073.108	Veterinarian	300	0	0	0	0	0	20	*	
073.381	Laboratory Technician, Veterinarian	190	0	0	0	0	0	0	01.0299	Ag. Supplies & Services, Other
074.181	Pharmacist	1,400	160	40	0	0	120	160	*	
074.381	Pharmacy Helper	40	0	0	0	0	0	0	*	
075.128	Nurse, Head	380	20	0	0	0	20	20	07.0301	Nursing
075.378	Nurse, General Duty	11,520	2,120	60	20	0	2,040	2,100	07.0301	Nursing
077.128	Nutritionist	40	0	0	0	0	0	0	*	
077.168	Dietician	220	20	0	0	0	20	20	*	
078.281	Medical Technologist	1,220	400	0	0	0	400	400	07.0203	Medical Laboratory Assisting
078.368	Dental Hygienist	60	20	20	0	0	0	0	07.0102	Dental Hygiene
078.368	Radiologic Technologist	900	160	0	0	0	160	160	07.0501	Radiologic Technology
078.368	Electroencephalograph Technician	100	20	0	0	0	20	20	07.0901	Electroencephalograph Technology
078.368	Electrocardiograph Technician	200	60	0	20	0	40	40	07.0902	Electrocardiograph Technology
078.381	Medical Laboratory Assistant	560	20	0	0	0	20	80	07.0203	Medical Laboratory Assisting
078.381	Nuclear Medical Technologist	20	0	0	0	0	0	0	07.0503	Nuclear Medical Technology
079.108	Audiologist	40	0	0	0	0	0	0	*	
079.108	Podiatrist	80	0	0	0	0	0	20	*	
079.108	Chiropractor	20	0	0	0	0	0	20	*	
079.108	Optometrist	200	0	0	0	0	0	0	*	
079.128	Recreational Specialist	80	0	0	0	0	0	20	*	
079.128	Supervisor, Voluntary Services	20	20	0	20	0	0	0	*	
079.368	Occupational Therapy Aid	20	0	0	0	0	0	20	07.0401	Occupational Therapy
079.368	Inhalation Therapist	520	100	0	0	0	100	100	07.0903	Inhalation Therapy
079.368	Medical Assistant	400	40	20	0	0	20	20	07.0904	Med. Asst., Physician's Office
079.378	Physical Therapist	280	20	0	0	0	20	20	*	
079.378	Dental Assistant	1,160	100	60	0	0	40	60	07.0101	Dental Assisting
079.378	Nurse, Licensed Practical	5,720	740	80	0	0	660	740	07.0302	Practical (Vocational) Nursing
079.378	Surgical Technician	360	0	0	0	0	0	0	07.0305	Surgical Technician
	Subtotal	29,720	4,100	300	80	0	3,720	4,120		

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS (cont.)

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number / Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Education									
090.118 President, Institution	200	0	0	0	0	0	0	*	
090.228 Faculty Member-College/University	1,640	0	0	0	0	0	0	*	
091.118 Superintendent of Schools	1,760	100	0	60	0	40	60	*	
091.228 Secondary Teacher	12,200	1,560	300	340	20	900	1,080	*	
092.228 Elementary Teacher	11,080	840	40	120	20	660	600	*	
094.228 Teacher of Blind	180	0	0	0	0	0	0	*	
094.228 Special Education Teacher	20	0	0	0	0	0	0	*	
096.128 County Home Demonstration Agent	20	0	0	0	0	0	0	*	
096.128 County Agricultural Agent	420	40	0	0	20	20	20	01.02	Ag. Supplies and Services
099.168 Curriculum Director	20	0	0	0	0	0	0	*	
099.168 Audio Visual Specialist	0	20	20	0	0	0	0	*	
099.228 Athletic Club Manager	20	0	0	0	0	0	0	*	
Subtotal	27,560	2,560	360	520	60	1,620	1,760		
Museum, Library & Archival Sciences									
100.168 Librarian	180	60	40	0	0	20	40	*	
Subtotal	180	60	40	0	0	20	40		
Law and Jurisprudence									
110.108 Attorney	3,400	220	180	0	0	40	320	*	
110.118 Tax Consultant	20	0	0	0	0	0	0	*	
111.108 Judge	60	0	0	0	0	0	0	*	
119.288 Abstractor	660	160	0	0	0	160	360	*	
119.288 Law Clerk	160	60	40	0	0	20	40	*	
Subtotal	4,300	440	220	0	0	220	720		
Religion and Theology									
120.108 Clergyman	760	60	40	0	0	20	20	*	
Subtotal	760	60	40	0	0	20	20		
Writing									
132.018 Editor	260	0	0	0	0	0	0	*	
132.038 Newspaper Department Editor	100	0	0	0	0	0	0	*	
132.068 Writer, Columnist	180	0	0	0	0	0	0	*	
132.088 Copywriter	120	0	0	0	0	0	0	04.01	Advertising Services
132.268 Reporter	40	0	0	0	0	0	0	*	
139.288 Research Writer	40	0	0	0	0	0	0	*	
Subtotal	740	0	0	0	0	0	0		

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Art										
141.081	Advertising Layout Man	400	0	0	0	0	0	20	04.01	Advertising Services
142.031	Manager, Display	100	0	0	0	0	0	0	04.01	Advertising Services
142.051	Interior Design and Decorator	140	20	20	0	0	0	20	17.0701	Interior Decorating
142.081	Floral Designer	660	40	20	0	0	20	60	04.05	Floristry
142.081	Commercial Designer	20	0	0	0	0	0	0	17.07	Commercial Art Occupations
142.081	Furniture Designer	20	0	0	0	0	0	0	17.0703	Product Design
143.062	Photographer, News	20	0	0	0	0	0	0	*	
143.062	Manager, Photograph Studio	200	0	0	0	0	0	20	04.15	Personal Services
144.081	Colorist, Oil Portraits	20	0	0	0	0	0	0	*	
148.081	Memorial Designer	140	0	0	0	0	0	0	*	
	Subtotal	1,720	60	40	0	0	20	120		
Entertainment and Recreation										
151.028	Dance Instructor	40	20	20	0	0	0	0	*	
152.028	Music Teacher	40	0	0	0	0	0	0	*	
152.048	Singer, Entertainment	20	0	0	0	0	0	0	*	
152.048	Musician	380	40	20	0	0	20	0	*	
152.228	Golf Pro	100	0	0	0	0	0	0	*	
153.118	Athletic Manager-Coach	40	0	0	0	0	0	0	*	
153.348	Athlete	400	0	0	0	0	0	0	*	
159.148	Announcer, Radio	80	0	0	0	0	0	0	*	
159.848	Dancers, Entertainment	100	1,000	0	0	0	1,000	2,000	*	
	Subtotal	1,200	1,060	40	0	0	1,020	2,000		
Administrative Specializations										
160.188	Accountant	3,500	580	200	0	180	200	640	*	
160.288	Estimators	140	20	20	0	0	0	20	14.0101	Accountants
161.118	Treasurer	120	0	0	0	0	0	0	14.0802	Budget Management Analysts
162.118	Administrator, Contract & Order	40	0	0	0	0	0	0	14.0899	Supv. & Adm. Management Occup. Other
162.158	Securities Trader	220	0	0	0	0	0	0	*	
162.158	Buyer, Livestock	500	100	100	0	0	0	200	01.0401	Food Products
162.158	Buyer, Time and Space	20	0	0	0	0	0	0	04.01	Advertising Services
162.158	Broker's Floor Representative	300	0	0	0	0	0	0	04.04	Finance and Credit
162.158	Buyer (Retail & Wholesale)	220	0	0	0	0	0	0	04.08	General Merchandise
162.158	Purchasing Agent	280	0	0	0	0	0	0	04.99	Distributive Education, Other
162.168	Buyer, Grain	240	20	0	0	0	20	40	01.0401	Food Products
163.118	Manager, Sales	1,080	100	20	0	0	80	100	04.12	Industrial Marketing
163.168	Manager, Utility Sales & Service	140	0	0	0	0	0	0	04.12	Industrial Marketing
164.068	Advertising Assistant	20	0	0	0	0	0	0	04.01	Advertising Services
164.118	Manager, Advertising	420	0	0	0	0	0	0	04.01	Advertising Services

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS (cont.)

OCCUPATIONAL GROUP				PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
164.168	Account Executive	20	0	0	0	0	0	0	04.01	Advertising Services
165.068	Sales Serviceman	240	0	0	0	0	0	0	04.01	Advertising Services
166.088	Job Analyst	120	140	140	0	0	0	0	14.0602	Interviewers & Test Technicians
166.118	Director, Safety	20	0	0	0	0	0	0	14.0601	Ed. Asst. & Training Specialists
166.118	Manager, Personnel	580	0	0	0	0	0	40	14.0603	Personnel Assistants
166.168	Manager, Employment & Placement	60	140	140	0	0	0	80	14.0603	Personnel Assistants
166.268	Employment Interviewer	340	680	680	0	0	0	320	14.0602	Interviewers & Test Technicians
168.168	Immigration Official	160	0	0	0	0	0	20	*	
168.168	Manager, Credit & Collection	780	160	0	0	0	160	160	14.0899	Supv. & Adm. Management Occup. Other
168.168	Safety Inspector	20	0	0	0	0	0	0	17.2899	Public Service, Other
168.287	Agricultural Commodity Grader	240	0	0	0	0	0	0	16.02	Agricultural Related Technology
169.118	Labor Relations Specialist	40	0	0	0	0	0	0	14.0699	Personnel Training Occup., Other
169.168	Manager, Electronic Data Processing	200	0	0	0	0	0	0	14.02	Business Data Processing Systems
169.168	Administrative Secretary	480	0	0	0	0	0	20	14.0701	Executive Secretary
169.168	Administrative Assistant	680	100	0	0	0	100	100	14.0801	Administrative Assistants
169.168	Office Manager	4,520	540	60	0	40	440	380	14.0805	Office Managers
169.188	Underwriter	720	80	20	0	20	40	160	04.13	Insurance
169.388	Escrow Officer	40	0	0	0	0	0	20	14.0899	Supv. & Adm. Management Occup. Other
	Subtotal	16,500	2,660	1,380	0	240	1,040	2,300		
Managers, Officials (Other)										
180.168	General Manager-Farm	600	0	0	0	0	0	20	01.0104	Farm Business Management
181.118	Manager, Bulk Plant	20	0	0	0	0	0	0	04.16	Petroleum
182.168	Contractor	860	0	0	0	0	0	20	*	
182.168	Construction Superintendent	20	0	0	0	0	0	0	*	
182.287	Construction Field Inspector	160	0	0	0	0	0	0	*	
183.118	Production Supt., Plant Manager	180	0	0	0	0	0	0	*	
183.118	Manager, Branch	100	0	0	0	0	0	0	*	
183.168	Manager, Food Processing Plant	60	0	0	0	0	0	0	01.0401	Food Products
183.168	General Foreman	360	20	0	0	20	0	20	*	
184.118	Director, Transportation	20	0	0	0	0	0	0	04.19	Transportation
184.168	Radio Program Director	100	0	0	0	0	0	0	*	
184.168	Manager, Warehouse	240	0	0	0	0	0	0	04.19	Transportation
185.168	Manager, Parts	1,000	20	20	0	0	0	20	04.03	Automotive
185.168	Manager, Food	1,520	0	0	0	0	0	0	04.06	Food Distribution
185.168	Manager, Store	3,600	140	20	40	0	80	180	04.08	General Merchandise
185.168	Manager, Service Station	1,720	20	0	0	0	20	0	04.16	Petroleum
185.168	Manager, Franchise Promotion	80	0	0	0	0	0	0	04.17	Real Estate
185.168	Wholesaler	480	0	0	0	0	0	0	04.31	Wholesale Trade, Other
186.118	Business Manager, College/University	40	0	0	0	0	0	0	*	
186.118	Comptroller	220	0	0	0	0	0	0	*	
186.118	Manager, Financial Institution	4,380	620	0	0	40	580	920	04.04	Finance and Credit

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
186.118	Manager, Insurance	1,500	80	80	0	0	0	20	04.13	Insurance
186.118	Property Rental Agent	20	0	0	0	0	0	0	04.17	Real Estate
186.168	Investigator, Government Service	100	20	0	0	0	20	20	*	
186.168	Cashier, Bank	1,000	120	20	40	40	20	200	04.04	Finance and Credit
186.168	Manager, Insurance Office	20	0	0	0	0	0	0	04.13	Insurance
186.168	Manager, Property	940	40	0	20	0	20	20	04.17	Real Estate
186.288	Loan Officer	1,820	400	20	0	120	260	500	04.04	Finance and Credit
187.118	Director, Community Services	120	60	20	40	0	0	20	*	
187.118	Labor Union Agent	200	0	0	0	0	0	0	*	
187.118	Administrator, Hospital/Nursing Home	860	40	0	0	0	40	40	*	
187.118	Manager, Hotel/Motel	860	40	40	0	0	0	100	04.11	Hotel and Lodging
187.138	Housemother	260	40	0	0	0	40	20	09.0205	Inst. Home Management & Supporting Services
187.168	Skating Rink Manager	20	0	0	0	0	0	0	*	
187.168	Manager, Recreation	240	40	20	0	0	20	20	*	
187.168	Manager, Vehicle Leasing & Rental	240	40	40	0	0	0	40	04.03	Automotive
187.168	Manager, Restaurant	2,900	20	0	0	20	0	100	04.07	Food Services
187.168	Manager, Service Department	40	0	0	0	0	0	0	04.09	Hdwe., Bldg. Mat. Farm & Garden Sup. & Equip.
187.168	Manager	340	40	0	20	0	20	40	04.15	Personal Services
187.168	Superintendent, Building	20	0	0	0	0	0	0	04.17	Real Estate
187.168	Manager, Theater	400	20	0	0	0	20	40	04.18	Recreation and Tourism
187.168	Manager, Cafeteria	60	0	0	0	0	0	0	09.0203	Food Mgt., Production & Services
187.168	Housekeeper, Executive	20	0	0	0	0	0	0	09.0205	Inst. Home Mgt. & Supporting Services
188.118	Mayor, City Council & City Develop.	440	0	0	0	0	0	0	*	
188.168	Revenue Officer	660	100	0	0	20	80	120	*	
188.168	Postmaster	500	0	0	0	0	0	40	*	
188.188	Assessor, Government Service	60	0	0	0	0	0	0	*	
189.118	Research & Development	420	120	120	0	0	0	20	*	
189.118	President/V. President, Organization	100	0	0	0	0	0	0	*	
189.118	Manager, Industrial Organization	2,340	60	0	0	0	60	40	04.12	Industrial Marketing
189.168	Field Inspector, Guard	20	0	0	0	0	0	0	*	
189.168	Manager, Trainee	20	20	0	0	20	0	0	04.08	General Merchandise
	Subtotal	32,300	2,120	400	160	280	1,280	2,580		
Misc. Professional, Tech., and Managerial										
191.118	Booking Agent	60	0	0	0	0	0	0	04.18	Recreation and Tourism
191.158	Pawnbroker	80	0	0	0	0	0	0	*	
191.287	Appraiser, Real Estate	180	60	0	40	0	20	20	*	
191.288	Appraiser	80	0	0	0	0	0	0	*	
195.108	Social Worker	600	100	0	0	0	100	180	*	
195.168	Community Organization Worker	20	0	0	0	0	0	0	*	
195.228	Program, Youth Coordinator	120	40	40	0	0	0	0	*	
196.283	Commercial Pilot	200	0	0	0	0	0	0	16.0601	Commercial Pilot Training

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS (cont.)

OCCUPATIONAL GROUP				PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
196.283	Crop Dusting Pilot	60	0	0	0	0	0	0	*	
	Subtotal	1,400	200	40	40	0	120	200		
	TOTAL–PROFESSIONAL, TECHNICAL & MANAGERIAL OCCUPATIONS	124,360	15,140	4,420	800	700	9,220	15,720		

*No Vocational Instructional Training Program Listed

TABLE 3
CLERICAL AND SALES OCCUPATIONS

OCCUPATIONAL GROUP				PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Stenographic, Typing, Filing and Related										
201.368	Secretary	19,700	2,420	520	60	20	1,820	3,420	14.0702	Secretaries
202.388	Stenographer	1,100	200	100	0	0	100	80	14.0703	Stenographers
203.138	Telegraphic Typewriter Operator	20	0	0	0	0	0	0	14.0902	Typists
203.588	Typist	5,200	860	300	20	0	540	660	14.0902	Typists
204.288	Correspondence Clerk	80	20	20	0	0	0	20	14.0402	Correspondence Clerks
205.138	Personnel Clerk Supervisor	20	0	0	0	0	0	0	14.0603	Personnel Assistants
205.368	Admissions Rep., Education	120	0	0	0	0	0	0	*	
205.368	Employment Clerk	100	0	0	0	0	0	0	14.0603	Personnel Assistants
205.388	Civil Service Clerk	20	0	0	0	0	0	0	14.0603	Personnel Assistants
206.388	File Clerk	5,660	3,040	420	0	1,000	1,620	3,060	14.0302	File Clerks
207.782	Typewriter Operator, Automatic	120	80	0	0	20	60	20	14.0301	Duplicating Machine Operators
208.588	Photocomposing Mach. Perforator Op.	200	0	0	0	0	0	40	14.0399	Filing, Off. Mach., & Gen. Office Clerical Occup., Other
209.368	Evaluator	20	0	0	0	0	0	40	14.0399	Filing, Off. Mach., & Gen. Office Clerical Occup., Other
209.382	Justowriter	20	0	0	0	0	0	0	14.0399	Filing, Off. Mach., & Gen. Office Clerical Occup., Other
209.388	Cancellation Clerk	40	0	0	0	0	0	0	14.0399	Filing, Off. Mach., & Gen. Office Clerical Occup., Other
209.388	Clerk-Typist	1,300	260	80	40	0	140	260	14.0901	Clerk-Typists
209.488	Invoice Control Clerk	100	0	0	0	0	0	0	14.0399	Filing, Off. Mach., & Gen. Office Clerical Occup., Other
209.588	Marker	160	20	0	0	0	20	80	04.08	General Merchandise
209.588	Clerk, General	680	240	20	0	40	180	420	14.0399	Filing, Off. Mach. & Gen. Office Clerical Occup., Other
209.688	Checker, clerical	20	0	0	0	0	0	0	14.0399	Filing, Off. Mach., & Gen. Office Clerical Occup., Other
	Subtotal	34,680	7,140	1,460	120	1,080	4,480	8,100		

CLERICAL AND SALES OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Computing and Account Recording										
210.368	Account Information Clerk	300	20	0	20	0	0	0	14.0102	Bookkeepers
210.388	Bookkeeper	15,800	1,020	340	140	60	480	1,480	14.0102	Bookkeepers
210.588	Insurance Clerk	20	0	0	0	0	0	0	14.0102	Bookkeepers
211.368	Cashier	280	60	0	0	0	60	80	14.0103	Cashiers
211.468	Cashier	60	20	0	0	0	20	40	04.06	Food Distribution
211.468	Cashier	940	800	0	80	40	680	2,100	04.08	General Merchandise
211.468	Desk Clerk	80	0	0	0	0	0	0	04.11	Hotel and Lodging
211.468	Ticket Seller	100	20	0	0	0	20	0	04.18	Recreation and Tourism
211.468	Cashier-Wrapper	440	80	20	0	0	60	160	14.0103	Cashiers
212.368	Teller	4,320	800	80	0	100	620	840	14.0105	Tellers
213.138	Supervisor, Computer Operation	80	20	0	0	20	0	20	14.0201	Computer & Console Operators
213.382	Digital Computer Operator	3,180	280	260	0	0	20	100	14.0201	Computer & Console Operators
213.582	Keypunch Operator	1,300	280	20	60	40	160	420	14.0202	Keypunch & Coding Equip. Operators
213.588	Verifier Operator	680	340	60	0	180	100	500	14.0202	Keypunch & Coding Equip. Operators
215.388	Bookkeeping Machine Operator	80	0	0	0	0	0	20	14.0104	Machine Operators
215.488	Payroll Clerk	60	0	0	0	0	0	0	14.0104	Machine Operators
216.388	Statistical Clerk	60	20	0	0	0	20	20	*	
217.388	Proof Machine Operator	40	0	0	0	0	0	0	14.0104	Machine Operators
219.138	Payroll Clerk	80	0	0	0	0	0	0	14.0199	Accounting & Computing Occup. Other
219.368	Brokerage Clerk	140	0	0	0	0	0	0	04.04	Finance and Credit
219.388	Clerk, General Office	21,160	4,740	320	120	760	3,540	8,000	14.0303	General Office Clerks
219.488	Accounting Clerk	120	0	0	0	0	0	20	14.0303	General Office Clerks
	Subtotal	49,320	8,500	1,100	420	1,200	5,780	13,800		
Shipping and Receiving Clerks										
221.388	Production Clerk	20	0	0	0	0	0	0	14.0501	Planning & Production Clerks
222.138	Shipping Clerk	580	80	20	0	0	60	140	14.0503	Shipping & Receiving Clerks
222.387	Receiving Clerk	760	160	20	20	0	120	260	14.0503	Shipping & Receiving Clerks
222.587	Distributing Clerk	140	0	0	0	0	0	0	14.0503	Shipping & Receiving Clerks
222.687	Sorter	20	0	0	0	0	0	0	14.0503	Shipping & Receiving Clerks
223.138	Stock Supervisor	20	0	0	0	0	0	0	14.0504	Stock & Inventory Clerks
223.387	Stock Clerk	3,760	800	100	20	0	680	980	*	
223.388	Inventory Clerk	520	40	0	0	0	40	140	14.0504	Stock & Inventory Clerks
223.487	Checker, Bakery Products	20	0	0	0	0	0	0	04.06	Food Distribution
223.887	Central Supply Workers	560	140	0	20	0	120	120	07.0905	Central Supply Technician
224.487	Weigher	40	0	0	0	0	0	0	14.0599	Material Support Occupations, Other
224.587	Grain Weigher	120	20	0	0	0	20	40	*	
229.138	Yard Foreman	20	0	0	0	0	0	0	14.0599	Material Support Occupations, Other
229.488	Estimator (Jewelry)	20	0	0	0	0	0	0	14.0599	Material Support Occupations, Other
	Subtotal	6,600	1,240	140	60	0	1,040	1,680		

CLERICAL AND SALES OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Information and Message Distribution										
230.878	Office Boy or Girl	120	40	0	0	0	40	60	14.0405	Messengers, Office Boys and Girls
231.138	Mailing Supervisor	20	0	0	0	0	0	0	14.0403	Mail and Postal Clerks
231.588	Mail Clerk	760	220	0	0	0	220	460	14.0403	Mail and Postal Clerks
231.688	Distribution Clerk	3,080	0	0	0	0	0	0	14.0403	Mail and Postal Clerks
232.138	Foreman, Mails	420	0	0	0	0	0	0	14.0403	Mail and Postal Clerks
232.368	Post Office Clerk	1,160	0	0	0	0	0	0	14.0403	Mail and Postal Clerks
233.138	Foreman, Carriers	180	0	0	0	0	0	0	14.0403	Mail and Postal Clerks
233.388	Mail Carrier	5,320	20	0	0	0	20	60	14.0403	Mail and Postal Clerks
234.885	Sealing & Canceling Machine Operator	40	0	0	0	0	0	0	14.0403	Mail and Postal Clerks
235.138	Telephone Operator, Chief	40	0	0	0	0	0	0	14.0401	Communication Sys. Clerks & Operators
235.228	PBX Operator	260	60	0	0	0	60	60	14.0401	Communication Sys. Clerks & Operators
235.862	Telephone Operator	260	40	0	20	20	0	40	14.0401	Communication Sys. Clerks & Operators
237.168	Travel Counselor	460	80	20	0	0	60	200	04.18	Recreation and Tourism
237.368	Receptionist	5,140	740	300	20	0	420	620	14.0406	Reception and Information Clerks
239.368	Manager, Traffic	40	0	0	0	0	0	0	14.0499	Info. Communication, Occup. Other
239.388	Dispatcher, Maintenance Service	20	0	0	0	0	0	0	14.0499	Info. Communication, Occup. Other
	Subtotal	17,320	1,200	320	40	20	820	1,500		
Miscellaneous Clerical										
240.368	Collection Clerk	60	20	0	0	20	0	20	14.99	Office Occupations, Other
241.168	Claim Adjuster	760	60	20	0	0	40	100	04.13	Insurance
241.368	Adjustment Clerk	20	0	0	0	0	0	0	04.08	General Merchandise
242.368	Hotel Clerk	80	0	0	0	0	0	20	04.11	Hotel and Lodging
243.368	Service Clerk	120	0	0	0	0	0	0	14.99	Office Occupations, Other
249.138	Supervisor, Survey Workers	20	0	0	0	0	0	0	14.0499	Info. Communication, Occup. Other
249.138	Claims Deputy	20	0	0	0	0	0	0	14.99	Office Occupations, Other
249.268	Claim Examiner	980	220	100	0	100	20	300	04.13	Insurance
249.268	Survey Worker	500	0	0	0	0	0	0	14.0499	Info. Communication, Occup. Other
249.288	Field Map Editor	60	0	0	0	0	0	0	16.0106	Civil Technology
249.368	Reservation Clerk	60	20	0	0	0	20	0	14.0499	Info. Communication, Occup. Other
249.368	Order Clerk	1,180	180	60	0	0	120	340	14.99	Office Occupations, Other
249.388	Stock Transfer Clerk	40	0	0	0	0	0	0	*	
249.388	Medical Records Clerk	340	20	0	0	0	20	20	14.0499	Info. Communication, Occup. Other
249.388	Forms Analyst	20	0	0	0	0	0	20	14.99	Office Occupations, Other
	Subtotal	4,260	520	180	0	120	220	820		
Salesmen, Services										
250.258	Salesman, Insurance	2,680	600	560	20	0	20	500	04.13	Insurance
250.358	Salesman, Real Estate	4,800	740	360	0	0	380	660	04.17	Real Estate
251.258	Salesman, Securities	1,460	0	0	0	0	0	20	04.04	Finance and Credit
252.358	Salesman, Business Service	1,600	520	520	0	0	0	0	04.12	Industrial Marketing
253.358	Salesman, Radio and Television Time	20	40	40	0	0	0	0	04.01	Advertising Services
257.358	Salesman, Public Utilities	60	0	0	0	0	0	20	04.99	Distributive Education, Other

CLERICAL AND SALES OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W Number	Program
258.258	Salesman, Sign and Display	40	0	0	0	0	0	0	04.01	Advertising Services
258.358	Salesman, Advertising	220	0	0	0	0	0	20	04.01	Advertising Services
258.358	Salesman, Printing	300	0	0	0	0	0	40	04.12	Industrial Marketing
	Subtotal	11,180	1,900	1,480	20	0	400	1,260		
Salesman & Salespersons, Commodoties										
260.458	Salesperson, Flowers	620	80	0	0	0	80	60	04.05	Floristry
261.158	Commission Man, Agriculture Produce	20	0	0	0	0	0	20	04.06	Food Distribution
261.258	Salesman, Livestock	360	0	0	0	0	0	0	04.06	Food Distribution
262.358	Salesman, Grain & Feed Products	1,280	100	20	20	20	40	20	01.0202	Feeds
262.358	Salesman, Food Products	2,860	240	60	0	20	160	380	04.06	Food Distribution
263.358	Salesman, Foot Wear	500	60	0	0	0	60	40	04.02	Apparel & Accessories
263.458	Salesperson, Clothing	9,200	2,260	100	1,000	100	1,060	3,940	04.02	Apparel & Accessories
263.458	Salesperson, Yard Goods	440	40	40	0	0	0	40	04.08	General Merchandise
265.358	Salesman, Paper Products	1,020	180	20	0	0	160	120	04.12	Industrial Marketing
266.258	Salesman, Chemicals and Drugs	120	0	0	0	0	0	0	04.12	Industrial Marketing
266.358	Salesperson, Cosmetics	40	0	0	0	0	0	0	04.08	General Merchandise
267.358	Salesman, Fuel	380	0	0	0	0	0	0	04.31	Wholesale Trade, Other
273.258	Salesman, Foundry and Machine Shop	80	0	0	0	0	0	0	04.12	Industrial Marketing
273.358	Salesman, Metal	40	0	0	0	0	0	0	04.12	Industrial Marketing
274.358	Salesman, China and Glassware	20	0	0	0	0	0	0	04.08	General Merchandise
274.358	Salesman, Floor Coverings	2,560	480	20	20	0	440	880	04.10	Home Furnishings
276.158	Salesman, Machinery	880	60	40	0	0	20	160	04.12	Industrial Marketing
276.358	Salesman, Bldg. & Cons. Eq. & Sup.	3,520	500	140	20	0	340	400	04.09	Hdwe., Bldg. Materials, Farm & Garden Sup. & Eq.
277.358	Salesman, Farm & Garden Eq./Sup.	2,160	220	140	40	0	40	140	04.09	Hdwe., Bldg. Materials, Farm & Garden Sup. & Eq.
278.258	Salesman, Communication Equipment	20	0	0	0	0	0	0	04.12	Industrial Marketing
278.258	Home Service Representative	40	0	0	0	0	0	0	09.0204	Home Furnishings, Eq. and Services
278.358	Salesman, Household Equipment	720	20	20	0	0	0	20	04.10	Home Furnishings
280.258	Salesman, Aircraft	240	0	0	0	0	0	0	04.19	Transportation
280.358	Salesman, Automobile	4,740	820	460	0	20	340	620	04.03	Automotive
280.358	Salesman, Marine Supplies	160	0	0	0	0	0	0	04.19	Transportation
280.458	Salesman, Automotive Accessories	620	60	20	0	0	40	0	04.03	Automotive
281.358	Salesman, Vending and Coin Machine	40	0	0	0	0	0	0	04.07	Food Services
281.358	Salesman, Office Machines	980	100	80	0	0	20	160	04.12	Industrial Marketing
282.258	Salesman, Medical Equip. and Supplies	180	0	0	0	0	0	0	04.12	Industrial Marketing
282.358	Salesperson, Hearing Aids	60	20	20	0	0	0	40	*	
282.358	Salesman, Veterinary Supplies	20	0	0	0	0	0	0	01.0299	Ag. Sup./Services, Other
283.358	Salesman, Jewelry & Optical Goods	880	140	20	0	0	120	300	04.02	Apparel and Accessories
285.358	Salesman, Photographic Supplies	40	20	20	0	0	0	0	04.18	Recreation and Tourism
286.358	Salesman, Sporting Goods	620	160	80	0	0	80	80	04.18	Recreation and Tourism
287.358	Salesman, Musical Instru. & Access.	140	20	0	0	0	20	40	04.18	Recreation and Tourism
289.358	Salesman, Parts, Farm Equipment	480	140	0	40	0	100	60	*	
289.358	Salesperson, Parts	1,840	240	60	0	0	180	380	04.03	Automotive
289.358	Salesperson, Container	300	120	120	0	0	0	40	04.12	Industrial Marketing

CLERICAL AND SALES OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
289.358	Salesman, Novelties	280	40	20	0	0	20	40	04.18	Recreation and Tourism
289.358	Salesman, House-to-House	13,020	5,700	2,400	0	0	3,300	0	04.20	Retail Trade, Other
289.358	Salesman, General Merchandise	220	20	20	0	0	0	60	04.31	Wholesale Trade, Other
289.458	Salesperson, General	6,080	1,700	120	60	80	1,440	3,000	04.08	General Merchandise
	Subtotal	57,820	13,540	4,040	1,200	240	8,060	11,040		
Merchandising, except Salesman										
290.468	Manager, Branch Store	60	0	0	0	0	0	0	04.15	Personal Services
290.877	Salesperson, Food	440	80	20	0	0	60	0	04.06	Food Distribution
291.158	Buyer, Scrap Metal	40	0	0	0	0	0	0	*	
291.158	Buyer, Junk	80	0	0	0	0	0	0	04.08	General Merchandise
292.358	Salesman, Driver	240	20	20	0	0	0	20	04.06	Food Distribution
293.358	Goodwill Ambassador	20	0	0	0	0	0	0	*	
294.258	Auctioneer	120	0	0	0	0	0	0	04.08	General Merchandise
298.081	Display Man	60	0	0	0	0	0	0	04.01	Advertising Services
299.138	Manager, Department	100	0	0	0	0	0	0	04.02	Apparel and Accessories
299.138	Department Head, Supermarket	440	0	0	0	0	0	0	04.06	Food Distribution
299.138	Manager, Department	560	120	0	0	20	100	200	04.08	General Merchandise
299.381	Carpet Cutter	660	440	40	0	0	400	820	17.1099	Const. & Maintenance Trades, Other
299.468	Cashier-Checker	6,120	1,540	80	60	0	1,400	2,220	04.06	Food Distribution
299.478	Delivery Boy	1,780	1,000	20	20	0	960	1,740	*	
299.478	Contact Lens Technician	20	0	0	0	0	0	0	07.0601	Ophthalmic Dispensing
299.687	Clothing Inspector	260	800	140	0	0	660	1,600	*	
299.884	Floor Finisher	20	0	0	0	0	0	0	*	
299.884	Optician Dispensing	80	20	20	0	0	0	40	07.0601	Ophthalmic Dispensing
	Subtotal	11,100	4,020	340	80	20	3,580	6,640		
	TOTAL–CLERICAL AND SALES OCCUPATIONS	192,280	38,060	9,060	1,940	2,680	24,380	44,840		

*No Vocational Instructional Training Program Listed

TABLE 4
SERVICE OCCUPATIONS

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Domestic										
302.887	Laundress	20	0	0	0	0	0	0	09.0202	Clothing Mgt., Production & Services
303.138	Housekeeper, Home	120	0	0	0	0	0	0	09.0205	Inst. & Home Mgt. & Supporting Serv.
306.870	Homemaker	300	20	20	0	0	0	0	09.0205	Inst. & Home Mgt. & Supporting Serv.
309.878	Foster Mother	20	20	20	0	0	0	20	09.0201	Care & Guidance of Children
	Subtotal	460	40	40	0	0	0	20		
Food & Beverage Preparation and Service										
310.138	Kitchen Supervisor	20	0	0	0	0	0	0	09.0203	Food Mgt. Production and Service
310.868	Hostess, Restaurant and Coffee Shop	280	140	20	0	0	120	320	04.07	Food Services
311.878	Waiter/Waitress	17,440	6,260	720	20	0	5,520	7,740	17.2904	Waiter/Waitress
312.278	Bartender	4,260	1,780	40	20	0	1,720	3,260	*	
313.131	Chef	240	20	20	0	0	0	0	17.2902	Cook/Chef
313.138	Cook, School Cafeteria	3,840	340	60	140	0	140	100	09.0203	Food Mgt., Production & Services
313.381	Cook	2,860	580	0	80	0	500	940	17.2902	Cook/Chef
313.781	Baker	300	40	0	40	0	0	0	17.2901	Baker
313.883	Baker, Helper	400	400	0	0	0	400	1,000	17.2901	Baker
314.381	Cook, Short Order	3,780	580	60	80	0	440	680	17.2902	Cook/Chef
314.781	Cook, Speciality	360	340	0	0	0	340	800	17.2902	Cook/Chef
315.381	Cook, Institution	3,960	740	0	40	20	680	640	17.2902	Cook/Chef
316.884	Meat Cutter	1,280	180	100	20	0	60	200	17.2903	Meat Cutters
317.884	Pantryman	580	520	0	0	0	520	1,300	17.2902	Cook/Chef
317.887	Cook, Helper	1,580	280	40	40	0	200	580	17.2902	Cook/Chef
318.887	Dishwasher	1,820	700	40	0	0	660	1,260	*	
319.138	Food Service Supervisor	80	20	0	0	0	20	20	09.0203	Food Mgt., Production & Services
319.878	Fountain Man	260	40	0	0	0	40	40	17.2904	Waiter/Waitress
	Subtotal	43,340	12,960	1,100	480	20	11,360	18,880		
Lodging and Related Services										
320.137	Manager, Lodging Facilities	120	0	0	0	0	0	0	04.11	Hotel and Lodging
321.138	Housekeeper, Hotel & Medical Serv.	1,020	60	0	0	0	60	20	09.0205	Inst. & Home Mgt. & Supporting Serv.
323.887	Maid	1,060	320	100	0	0	220	360	09.0205	Inst. & Home Mgt. & Supporting Serv.
324.887	Doorman	40	0	0	0	0	0	0	04.11	Hotel and Lodging
329.138	Superintendent, Services	20	0	0	0	0	0	0	04.11	Hotel and Lodging
	Subtotal	2,260	380	100	0	0	280	380		
Barbering, Cosmetology & Related Services										
330.371	Barber	340	20	0	0	0	20	40	17.2601	Barbering
332.271	Cosmetologist	2,500	520	340	0	0	180	580	17.2602	Cosmetology
338.381	Embalmer	120	0	0	0	0	0	20	07.0909	Mortuary Science
	Subtotal	2,960	540	340	0	0	200	640		

SERVICE OCCUPATIONS (cont.)

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Amusement & Recreation Services										
342.858	Theater, Refreshment Counterman	100	40	0	0	0	40	40	*	
344.878	Usher, Theater	100	40	0	0	0	40	60	*	
	Subtotal	200	80	0	0	0	80	100		
Miscellaneous, Personal Services										
353.168	Guide, Travel Excursion	40	0	0	0	0	0	0	*	
354.878	Home Attendant	20	0	0	0	0	0	0	07.0307	Home Health Aid
355.878	Nurses Aid	9,980	2,220	340	0	60	1,820	2,060	07.0303	Nursing Assistants
355.878	Attendant, Physical Therapy	320	100	0	0	0	100	100	07.0402	Physical Therapy
355.878	First Aid Attendant	20	0	0	0	0	0	0	07.0907	Medical Emergency Technology
355.878	Child Care Attendant, School	180	40	0	0	0	40	80	09.0201	Care & Guidance of Children
356.874	Veterinary Hospital Attendant	300	20	20	0	0	0	0	01.0299	Ag. Supplies & Services, Other
356.874	Kennelman	180	0	0	0	0	0	20	01.99	Agriculture, Other
359.873	Chauffeur, Domestic	40	0	0	0	0	0	0	*	
359.878	Funeral Attendant	120	0	0	0	0	0	0	*	
359.878	Child Care Assistant	160	40	40	0	0	0	0	09.0201	Care & Guidance of Children
359.883	Chauffeur, Funeral Car	20	0	0	0	0	0	0	*	
	Subtotal	11,380	2,420	400	0	60	1,960	2,260		
Apparel and Furnishings Services										
361.138	Laundry Foreman	80	0	0	0	0	0	0	17.1602	Laundering
361.885	Laundryman	460	60	20	0	0	40	40	17.1602	Laundering
361.886	Washer Helper, Machine	20	0	0	0	0	0	0	17.1602	Laundering
361.887	Laundry Laborer	100	20	0	20	0	0	40	17.1602	Laundering
362.782	Drycleaner, Apprentice	60	0	0	0	0	0	0	17.1601	Drycleaning
362.884	Spotter	80	0	0	0	0	0	0	17.1601	Drycleaning
362.886	Drycleaner, Helper	100	0	0	0	0	0	0	17.1601	Drycleaning
363.782	Presser, Machine	80	0	0	0	0	0	0	17.16	Fabric Maintenance Service
363.884	Presser, Hand	40	0	0	0	0	0	0	17.16	Fabric Maintenance Service
365.381	Shoe Repairman	120	0	0	0	0	0	60	17.3402	Shoe Repair
365.884	Shoe Repairman, Helper	60	0	0	0	0	0	20	17.3402	Shoe Repair
369.138	Drycleaning Superintendent	40	0	0	0	0	0	0	04.15	Personal Services
369.478	Service Establishment Attendant	220	60	0	0	0	60	0	04.15	Personal Services
369.884	Laundry Operator	720	240	0	0	0	240	240	17.1602	Laundering
	Subtotal	2,180	380	20	20	0	340	400		
Protective Services										
372.868	Guard, Watchman	8,540	4,200	0	0	40	4,160	8,300	*	
372.868	Jailor	40	0	0	0	0	0	0	*	
375.118	Police Chief	20	0	0	0	0	0	0	17.2802	Law Enforcement Training
375.168	Detective, Chief	60	0	0	0	0	0	20	17.2802	Law Enforcement Training

SERVICE OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
375.268	Patrolman	360	40	40	0	0	0	40	17.2802	Law Enforcement Training
376.868	Detective	100	20	0	0	0	20	0	17.2802	Law Enforcement Training
377.868	Sheriff/Deputy	160	0	0	0	0	0	0	17.2802	Law Enforcement Training
379.268	Driver's License Examiner	20	0	0	0	0	0	0	*	
379.878	Lifeguard	100	80	0	0	0	80	0	*	
	Subtotal	9,400	4,340	40	0	40	4,260	8,360		
Building and Related Services										
381.137	Porter, Head	40	0	0	0	0	0	0	17.11	Custodial Services
381.887	Porter	60	360	0	0	0	360	740	17.11	Custodial Services
382.884	Janitor	10,260	1,320	100	120	20	1,080	1,280	17.11	Custodial Services
389.884	Exterminator	20	20	20	0	0	0	20	01.0201	Agricultural Chemicals
389.887	Floor Waxer	60	0	0	0	0	0	0	17.11	Custodial Services
	Subtotal	10,440	1,700	120	120	20	1,440	2,040		
TOTAL–SERVICE OCCUPATIONS		82,620	22,840	2,160	620	140	19,920	33,080		

*No Vocational Instructional Training Program Listed

TABLE 5
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Plant Farming										
401.181	Farmer, Grain	60	0	0	0	0	0	0	01.0102	Plant Science
401.884	Farmhand, Grain	160	100	0	0	0	100	200	01.0102	Plant Science
403.181	Vegetable Grower	740	60	60	0	0	0	0	01.0102	Plant Science
403.883	Farmhand, Vegetable	740	3,220	2,480	0	0	740	80	01.0102	Plant Science
404.884	Tree Pruner	40	0	0	0	0	0	0	01.0299	Ag. Supplies/Services, Other
406.168	Nurseryman	160	0	0	0	0	0	0	01.0505	Nursery Operation & Management
406.181	Flower Grower	120	20	0	20	0	0	0	01.0502	Floriculture
406.887	Nursery Worker	320	0	0	0	0	0	0	01.0505	Nursery Operation & Management
407.137	Greenskeeper	200	380	0	0	0	380	400	01.0506	Turf Management
407.181	Landscape Gardener	80	200	0	0	0	200	400	01.0504	Landscaping
407.883	Laborer, Golf Course	80	0	0	0	0	0	60	01.0506	Turf Management
407.884	Grounds Keeper	280	80	40	0	0	40	0	01.0504	Landscaping
407.884	Grounds Keeper, Sports	20	0	0	0	0	0	0	01.0602	Recreation
407.887	Grave Digger	140	20	0	20	0	0	20	*	

FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
407.887	Laborer, Landscape	160	0	0	0	0	0	0	01.0504	Landscaping
407.887	Park Worker	0	40	40	0	0	0	0	01.0602	Recreation
409.168	Manager, Farm	100	0	0	0	0	0	0	01.0104	Farm Business Management
409.181	Farmer, Tenant	320	20	20	0	0	0	0	01.0104	Farm Business Management
409.181	Tree Surgeon	40	0	0	0	0	0	0	01.0501	Arboriculture
409.883	Farm Equipment Operator	480	400	320	0	0	80	500	01.0301	Agricultural Power & Machinery
409.884	Tree Surgeon, Helper	0	60	60	0	0	0	120	01.0501	Arboriculture
	Subtotal	4,240	4,600	3,0	40	0	1,540	1,780		
Animal Farming										
411.181	Farmer, Dairy	140	0	0	0	0	0	0	01.0101	Animal Science
411.884	Farmhand, Dairy	80	20	20	0	0	0	0	01.0101	Animal Science
412.168	Manager, Hatchery	40	0	0	0	0	0	0	01.0401	Food Products
412.181	Poultryman	80	0	0	0	0	0	0	01.0101	Animal Science
412.387	Poultry Technician	20	0	0	0	0	0	0	01.0299	Ag. Supplies/Services, Other
412.687	Chick Grader	20	0	0	0	0	0	0	01.0299	Ag. Supplies/Services, Other
412.884	Farmhand, Poultry	460	60	0	0	0	60	100	01.0101	Animal Science
412.886	Egg Washing Machine Operator	100	20	20	0	0	0	0	*	
412.887	Poultry Debeaker	60	0	0	0	0	0	0	01.0299	Ag. Supplies/Services, Other
413.131	Cattle Ranch Foreman	20	0	0	0	0	0	0	01.0101	Animal Science
413.181	Cattle Rancher	2,080	80	20	0	0	60	80	01.0101	Animal Science
413.884	Ranch Hand	2,540	1,060	740	0	0	320	700	01.0101	Animal Science
419.181	Beekeeper	60	0	0	0	0	0	0	01.0101	Animal Science
	Subtotal	5,700	1,240	800	0	0	440	880		
Miscellaneous Farming and Related										
421.181	Farmer, General	11,760	300	120	40	0	140	140	01.01	Agricultural Products
421.883	Farmhand, General	5,040	2,100	1,280	20	0	800	1,940	01.01	Agricultural Products
422.137	Irrigation, Head	80	0	0	0	0	0	0	01.0304	Water Management
422.887	Irrigator	260	280	260	0	0	20	0	01.0304	Water Management
424.886	Chopper Operator	40	20	0	0	0	20	0	01.0301	Agriculture Power and Machinery
429.887	Grubber	20	20	0	0	0	20	20	01.99	Agriculture, Other
	Subtotal	17,200	2,720	1,660	60	0	1,000	2,100		
Fishery and Related										
436.884	Hatcheryman, Fish	40	0	0	0	0	0	0	01.0607	Fish (including Farms & Hatcheries)
	Subtotal	40	0	0	0	0	0	0		

FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS (cont.)

OCCUPATIONAL GROUP				PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Agriculture Service										
465.781	Weed Inspector	100	80	0	0	0	80	160	01.0201	Agriculture Chemicals
466.887	Livestock Caretaker, Yard-or-in-transit	2,060	260	20	0	0	240	240	01.0401	Food Products
	Subtotal	2,160	340	20	0	0	320	400		
	Self Employed Farmers	54,760[a]	951[b]					1,902[b]		
	TOTAL–FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS	84,100	9,851	5,500	100	0	3,300	7,062		

*No Vocational Instructional Training Program Listed

[a]Nebraska Department of Agriculture, *Nebraska 1972 Preliminary County Estimates and State Agricultural Data*, loc. cit.
[b]Genereaux, Douglas, loc. cit.

TABLE 6
PROCESSING OCCUPATIONS

OCCUPATIONAL GROUP				PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Processing of Metals										
500.380	Plater	60	0	0	0	0	0	0	17.2399	Metalworking, Other
509.886	Laborer, Scrap Metal	20	0	0	0	0	0	0	*	
	Subtotal	80	0	0	0	0	0	0		
Processing of Food, Tobacco, & Related Prod.										
520.885	Sausage Maker	20	0	0	0	0	0	0	*	
520.885	Feed Mixer	1,020	220	120	0	20	80	160	01.0202	Feeds
520.886	Feed Mixer, Helper	20	0	0	0	0	0	0	01.0202	Feeds
521.130	Miller, Foreman	40	0	0	0	0	0	0	01.0401	Food Products
521.885	Processor, Grain	1,520	360	200	80	0	80	200	01.0202	Feeds
521.885	Feed Grinder	100	20	0	0	0	20	0	01.0401	Food Products
521.886	Processor, Helper	20	20	0	0	0	20	20	01.0202	Feeds
521.887	Sausage, Meat Trimmer	40	0	0	0	0	0	0	*	
522.782	Cottage Cheese Maker	80	0	0	0	0	0	0	01.0401	Food Products
523.885	Render Man	180	320	0	0	0	320	640	*	
523.885	Drier Attendant	180	0	0	0	0	0	0	*	

PROCESSING OCCUPATIONS (cont.)

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
523.885	Dehydrator Man	120	100	100	0	0	0	200	01.0401	Food Products
524.782	Dipper, Machine	40	0	0	0	0	0	0	*	
525.381	Butcher	4,280	2,000	700	0	0	1,300	2,840	01.0401	Food Products
525.887	Trimmer, Meat	40	0	0	0	0	0	0	01.0401	Food Products
526.885	Oven Man	300	300	0	0	0	300	740	17.2901	Baker
529.138	Superintendent, Grain Elevator	1,600	40	40	0	0	0	60	01.0202	Feeds
529.138	Supervisor, Specialty Food Products	40	0	0	0	0	0	0	01.0401	Food Products
529.387	Grader	20	0	0	0	0	0	0	01.0401	Food Products
529.687	Sorter, Agricultural Products	360	0	0	0	0	0	0	01.0401	Food Products
529.782	Cheesemaker, Helper	280	0	0	0	0	0	0	01.0401	Food Products
529.885	Freezer Man, Helper	100	60	0	0	0	60	0	01.0401	Food Products
529.886	Dairy Helper	120	0	0	0	0	0	0	01.0401	Food Products
529.887	Cook, Helper (Canning & Preserving)	1,020	40	0	0	0	40	80	*	
	Subtotal	11,540	3,480	1,160	80	20	2,220	4,940		
	Processing of Paper & Related Materials									
539.885	Balerman	40	20	0	0	0	20	20	*	
	Subtotal	40	20	0	0	0	20	20		
	Processing of Petroleum, Coal, Natural and Manufactured Gas and Related Products									
540.782	Oil Blender	300	160	0	0	0	160	160	*	
	Subtotal	300	160	0	0	0	160	160		
	Processing of Chemicals, Plastics, Synthetics Rubber, Paint, and Related Products									
550.782	Paint Mixer	80	0	0	0	0	0	0	*	
	Subtotal	80	0	0	0	0	0	0		
	Processing of Stone, Clay, Glass, and Related Products									
570.885	Concrete Mixer	100	0	0	0	0	0	0	*	
579.131	Concrete Block Plant Foreman	200	20	20	0	0	0	0	*	
579.137	Cement Foreman	20	0	0	0	0	0	0	*	
579.687	Bottle Sorter	20	20	20	0	0	0	0	*	
579.886	Concrete Block Plant Laborer	2,080	1,060	1,000	0	0	60	2,120	*	
	Subtotal	2,420	1,100	1,040	0	0	60	2,120		
	Processing of Leather, Textiles, and Related Products									
582.782	Hide Processor	620	20	0	0	0	20	0	*	
	Subtotal	620	20	0	0	0	20	0		

PROCESSING OCCUPATIONS (cont.)

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Processing, Other										
599.885	Medical Sterile Supply Aid	40	0	0	0	0	0	0	*	
	Subtotal	40	0	0	0	0	0	0		
TOTAL–PROCESSING OCCUPATIONS		15,120	4,780	2,200	80	20	2,480	7,240		

*No Vocational Instructional Training Program Listed

TABLE 7
MACHINE TRADES OCCUPATIONS

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Metal Machining										
600.131	Machine Shop Foreman, Tool	120	0	0	0	0	0	0	17.2302	Machine Shop
600.280	Machinist	3,840	3,240	580	0	0	2,660	4,640	17.2302	Machine Shop
600.381	Layout Man	140	0	0	0	0	0	20	17.2302	Machine Shop
601.130	Tool-and-Die Foreman	20	0	0	0	0	0	0	17.2307	Tool-and-Die Making
601.280	Tool-and-Die Maker	540	200	200	0	0	0	120	17.2307	Tool-and-Die Making
603.782	Buffing-Machine Operator	20	0	0	0	0	0	0	17.2303	Machine Tool Operation
604.280	Engine-lathe Set-Up Operator	120	20	20	0	0	0	0	17.2303	Machine Tool Operation
605.885	Milling Machine Operator, Production	60	0	0	0	0	0	0	17.2303	Machine Tool Operation
606.782	Drill Press Operator	120	0	0	0	0	0	0	17.2303	Machine Tool Operation
609.885	Transfer Machine Operator	360	160	0	0	0	160	320	17.2302	Machine Shop
	Subtotal	5,340	3,620	800	0	0	2,820	5,100		
Metalworking, Other										
610.381	Blacksmith	40	0	0	0	0	0	0	17.2399	Metalworking, Other
610.782	Drop-Hammer Operator	20	0	0	0	0	0	0	17.2399	Metalworking, Other
610.884	Blacksmith, Helper	40	0	0	0	0	0	0	17.2399	Metalworking, Other
612.131	Forge-Shop Foreman	20	0	0	0	0	0	0	17.2399	Metalworking, Other
616.380	Set-Up Man, Sheet Metal	480	100	0	100	0	0	0	17.2305	Sheet Metal
619.885	Machine Operator	60	0	0	0	0	0	0	17.2304	Metal Trades, Combined
	Subtotal	660	100	0	100	0	0	0		
Mechanics & Machinery Repairman										
620.131	Garage Foreman	40	0	0	0	0	0	0	17.0302	Mechanics
620.281	Motor Cycle Repairman	40	0	0	0	0	0	20	17.31	Small Engine Repair, Internal Comb.

MACHINE TRADES OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
620.281	Bus Inspector	40	0	0	0	0	0	0	17.03	Automotive Services
620.281	Automobile Mechanic	1,760	440	40	40	20	340	880	17.0302	Mechanics
620.281	Front-End Man	180	60	40	0	20	0	140	17.0303	Specialization, Other
620.281	Mechanic, Industrial Truck	2,160	460	240	0	0	220	580	17.1003	Maintenance, Heavy Equipment
620.381	Automobile Service Mechanic	6,460	1,320	500	140	20	660	1,060	17.0302	Mechanics
620.381	Automobile Radiator Man	40	20	20	0	0	0	0	17.0303	Specialization, Other
620.884	Automobile Mechanic Helper	1,460	160	40	20	0	100	1,000	17.0302	Mechanics
620.884	Construction Equip. Mechanic, Helper	120	40	40	0	0	0	80	17.1003	Operation, Heavy Equipment
621.281	Aircraft & Engine Machanic	520	60	0	0	0	60	0	17.0401	Aircraft Maintenance
621.281	Flight Engineer	20	0	0	0	0	0	0	17.0402	Aircraft Operations
623.281	Machinist, Marine Engine	60	0	0	0	0	0	0	17.22	Maritime Occupations
624.281	Farm-Equipment Mechanic	2,180	540	240	100	0	200	380	01.0301	Agriculture Power and Machinery
624.381	Farm-Equipment Set-Up Man	620	60	20	0	0	40	120	01.0301	Agriculture Power and Machinery
624.781	Assembly Repairman	80	20	20	0	0	0	0	01.0301	Agriculture Power and Machinery
625.281	Diesel Mechanic	120	100	40	0	0	60	100	17.12	Diesel Mechanics
625.281	Gasoline Engine Repairman	60	0	0	0	0	0	20	17.31	Small Engine Repair, Internal Comb.
626.281	Machinist Repairman	60	60	40	20	0	0	0	*	
627.281	Press, Maintenance	20	0	0	0	0	0	0	*	
629.281	Bakery Machine Mechanic	20	0	0	0	0	0	0	*	
630.281	Pump Serviceman	20	0	0	0	0	0	0	*	
632.281	Gunsmith	40	0	0	0	0	0	0	*	
633.281	Office Machine Serviceman	580	20	20	0	0	0	80	17.06	Business Machine Maintenance
637.281	Air Conditioning Mechanic	40	20	0	0	0	20	0	17.01	Air Conditioning
637.281	Refrigeration Mechanic	40	20	20	0	0	0	0	17.0101	Cooling
637.281	Gas Appliance Serviceman	1,100	140	20	0	0	120	280	17.0202	Gas Appliances
637.381	Refrigeration Unit Repairman	80	40	40	0	0	0	40	17.0101	Cooling
638.281	Salvage (Automobile or Truck)	160	60	40	20	0	0	0	*	
638.281	Maintenance Mechanic	180	0	0	0	0	0	0	*	
638.281	Automated Eq. Engineer Technician	20	0	0	0	0	0	0	16.0113	Mechanical Technology
639.281	Sewing Machine Repairman	20	0	0	0	0	0	0	*	
639.381	Vending Machine Serviceman	240	40	0	0	0	40	120	*	
639.884	Lawn Mower Repairman	60	0	0	0	0	0	0	*	
	Subtotal	18,640	3,680	1,420	340	60	1,860	4,900		
Paperworking										
640.782	Slitter-Scorer	80	80	40	0	0	40	80	*	
640.885	Carton Printer	60	20	0	0	0	20	40	*	
641.885	Carton Maker	440	180	80	0	20	80	240	*	
643.885	Bindery Worker	2,480	280	0	0	0	280	420	*	
	Subtotal	3,060	560	120	0	20	420	780		

MACHINE TRADES OCCUPATIONS (cont.)

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Printing										
650.582	Linotype Operator	300	80	40	0	0	40	40	17.1901	Composition, Make-Up & Typesetting
650.885	Typesetting Machine Tender	40	0	0	0	0	0	0	17.1901	Composition, Make-Up & Typesetting
651.130	Foreman, Press Room	80	0	0	0	0	0	0	17.1902	Printing Press Occupations
651.782	Printing Pressman	2,300	240	60	0	40	140	220	17.1902	Printing Press Occupations
651.885	Offset Press Operator	680	440	100	0	80	260	540	17.1902	Printing Press Occupations
652.885	Ticketer	60	40	0	0	0	40	80	*	
653.131	Foreman, Bindery	40	0	0	0	0	0	40	17.1906	Bookbinding
653.780	Casing-In-Line, Set-Up Man	60	0	0	0	0	0	0	17.1906	Bookbinding
653.782	Folding-machine Operator	340	100	0	0	0	100	260	17.1906	Bookbinding
659.130	Foreman, Printing Shop	100	0	0	0	0	0	0	17.19	Graphic Arts Occupations
659.885	Perforating-Machine Operator	20	0	0	0	0	0	0	17.1906	Bookbinding
	Subtotal	4,020	900	200	0	120	580	1,180		
Wood Machining										
660.131	Cabinetmaker, Foreman	20	0	0	0	0	0	0	17.3601	Millwork & Cabinetmaking
660.280	Cabinetmaker	320	120	120	0	0	0	40	17.3601	Millwork & Cabinetmaking
665.782	Router Operator	80	40	40	0	0	0	40	17.3601	Millwork & Cabinetmaking
666.782	Boring, Sport Equipment	20	0	0	0	0	0	0	*	
667.782	Saw Operator	120	40	40	0	0	0	60	17.3601	Millwork & Cabinetmaking
669.380	Millman	20	0	0	0	0	0	0	17.3601	Millwork & Cabitnetmaking
669.782	Woodworking Machine Operator	200	40	40	0	0	0	140	17.3601	Millwork & Cabinetmaking
	Subtotal	780	240	240	0	0	0	280		
Machine Trades, Other										
690.885	Cutting Press Operator	180	40	20	0	0	20	40	*	
692.885	Stapling Machine Operator	20	20	0	0	0	20	20	*	
699.782	Cutter Operator	220	100	40	0	20	40	160	17.1999	Graphic Arts, Other
	Subtotal	420	160	60	0	20	80	220		
TOTAL–MACHINE TRADES OCCUPATIONS		32,920	9,260	2,840	440	220	5,760	12,460		

*No Vocational Instructional Training Program Listed

TABLE 8
BENCH WORK OCCUPATIONS

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Fabrication, Assembly & Repair of Metal Products										
700.281	Jeweler	300	0	0	0	0	0	0	*	
705.887	Laborer, Grinding & Polishing	40	0	0	0	0	0	0	17.2301	Foundry
706.884	Assembly Worker	1,700	1,040	600	0	0	440	2,140	*	
	Subtotal	2,040	1,040	600	0	0	440	2,140		
Fabrication & Repair of Scientific & Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products										
710.281	Instrument Repairman	160	0	0	0	0	0	0	17.2101	Instruments, Other than Watches/Clocks
711.138	Foreman, Optical Instruments	40	0	0	0	0	0	0	17.2101	Instruments, Other than Watches/Clocks
711.381	Benchman, (Optical Goods)	240	60	20	0	0	40	0	17.2101	Instruments, Other than Watches/Clocks
711.384	Lens Inspector	240	60	20	0	0	40	0	17.2101	Instruments, Other than Watches/Clocks
711.781	Lens Grinder	240	60	0	0	0	60	0	17.2101	Instruments, Other than Watches/Clocks
712.281	Dental Ceramist	20	0	0	0	0	0	0	07.0103	Dental Laboratory Technology
712.381	Dental Laboratory Technician	80	20	20	0	0	0	0	07.0103	Dental Laboratory Technology
713.251	Optician, Dispensing	160	0	0	0	0	0	0	07.0601	Ophthalmic Dispensing
713.884	Mounter and Repairer	160	20	0	0	0	20	60	07.0601	Ophthalmic Dispensing
714.281	Camera Repairman	20	0	0	0	0	0	0	17.2101	Instruments, Other than Watches/Clocks
715.281	Watchmaker	60	0	0	0	0	0	0	17.2102	Watchmaking and Repair
	Subtotal	1,420	220	60	0	0	160	60		
Assembly & Repair of Electrical Equipment										
720.281	Television Service & Repairman	500	100	80	0	0	20	80	17.1503	Radio/Television
721.281	Electric Motor Repairman	100	20	0	0	0	20	20	17.1403	Motor Repairman
723.381	Vacuum Cleaner Repairman	40	0	0	0	0	0	0	17.0201	Electrical Appliances
723.884	Appliance Repairman	140	60	40	0	0	20	120	17.0201	Electrical Appliances
	Subtotal	780	180	120	0	0	60	220		
Fabrication & Repair of Products made from Assorted Materials										
730.281	Musical Instrument Repairman	40	0	0	0	0	0	0	*	
732.381	Golf Club Repairman	40	0	0	0	0	0	0	*	
732.884	Roller Skate Repairman	40	0	0	0	0	0	0	*	
739.781	Casket Assembler	20	0	0	0	0	0	0	17.3601	Millwork & Cabinetmaking
739.884	Broommaker	200	0	0	0	0	0	0	*	
739.884	Last Remodeler	20	0	0	0	0	0	0	17.3699	Woodworking, Other
739.887	Gluer (Paper Products)	100	60	20	0	20	20	60	*	
	Subtotal	460	60	20	0	20	20	60		

BENCH WORK OCCUPATIONS (cont.)

OCCUPATIONAL GROUP	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Painting, Decorating & Related									
741.884 Spray Painter	20	0	0	0	0	0	0	*	
Subtotal	20	0	0	0	0	0	0		
Fabrication & Repair of Plastics, Synthetics, Rubber and Related Products									
752.781 Hose Maker	180	0	0	0	0	0	80	*	
Subtotal	180	0	0	0	0	0	80		
Fabrication & Repair of Wood Products									
761.887 Picture Frame Maker, Helper	20	0	0	0	0	0	0	17.3699	Woodworking, Other
763.381 Furniture Finisher	120	40	0	0	0	40	80	*	
763.884 Furniture Assembler	360	40	40	0	0	0	100	17.3601	Millwork & Cabinetmaking
769.884 Repairman, Assembled Wood Products	20	60	40	0	0	20	100	17.3601	Millwork & Cabinetmaking
769.887 Woodworking Shop Laborer	40	40	40	0	0	0	80	*	
Subtotal	560	180	120	0	0	60	360		
Fabrication & Repair of Sand, Stone, Clay and Glass Products									
771.381 Designer of Monuments	160	80	0	0	0	80	0	*	
Subtotal	160	80	0	0	0	80	0		
Fabrication & Repair of Textiles, Leather, and Related Products									
780.137 Foreman, Upholstery Department	100	0	0	0	0	0	0	17.35	Upholstery
780.381 Furniture Upholsterer	580	60	60	0	0	0	200	17.35	Upholstery
780.587 Sorter (Upholstery Parts)	700	200	120	0	0	80	280	17.35	Upholstery
780.884 Upholstery, Assembly Line Worker	1,460	800	0	0	0	800	1,600	17.35	Upholstery
781.687 Assembler	40	20	20	0	0	0	0	17.3399	Textile Prod. & Fabrication, Other
781.884 Cutter	20	20	20	0	0	0	0	17.3399	Textile Prod. & Fabrication, Other
781.887 Cutter, Helper	40	40	40	0	0	0	0	17.3399	Textile Prod. & Fabrication, Other
782.884 Seamstress	20	0	0	0	0	0	0	17.16	Fabric Maintenance Services
785.281 Alteration Tailor	280	20	0	0	0	20	20	17.3302	Tailoring
785.381 Seamstress, Women's Garments	100	20	20	0	0	0	0	17.3301	Dressmaking
785.381 Shop Tailor	60	0	0	0	0	0	0	17.3302	Tailoring
787.782 Drapery Operator	280	60	0	0	0	60	60	09.0204	Home Furnishings, Equip. & Services
787.782 Sewing Machine Operator	1,900	520	480	0	0	40	200	17.3399	Textile Prod. & Fabrication, Other
789.884 Leatherworking	40	0	0	0	0	0	0	17.34	Leatherworking
Subtotal	5,620	1,760	760	0	0	1,000	2,360		

MACHINE TRADES OCCUPATIONS (cont.)

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Bench Work, Other										
794.884	Box Maker (Paper Goods)	1,000	500	0	0	0	500	1,000	*	
	Subtotal	1,000	500	0	0	0	500	1,000		
TOTAL–BENCH WORK OCCUPATIONS		12,240	4,020	1,680	0	20	2,320	6,280		

*No Vocational Instructional Training Program Listed

TABLE 9
STRUCTURAL WORK OCCUPATIONS

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
Metal Fabrication, Other										
801.781	Structural Steel Worker	400	60	0	0	0	60	60	17.1099	Const. & Maintenance Trades, Other
801.884	Assembler, Metal Building	280	60	0	0	0	60	60	17.1099	Const. & Maintenance Trades, Other
801.887	Structural Steel Worker, Helper	40	0	0	0	0	0	0	17.1099	Const. & Maintenance Trades, Other
804.281	Sheet Metal Worker	4,480	140	120	0	0	20	120	17.2305	Sheet Metal
804.886	Metal Fabricating Shop Helper	4,000	0	0	0	0	0	0	17.2304	Metal Trades, Combined
805.131	Boiler Repair, Foreman	40	0	0	0	0	0	0	17.1099	Const. & Maintenance Trades, Other
805.281	Boilermaker	700	300	300	0	0	0	300	17.1099	Const. & Maintenance Trades, Other
805.381	Boilerhouse Repairman	20	40	40	0	0	0	40	17.1099	Const. & Maintenance Trades, Other
806.381	Assembly Mechanic	160	80	0	0	0	80	120	17.0401	Aircraft Maintenance
806.381	New Car Get Ready Man	60	60	0	0	0	60	60	17.03	Automotive Services
807.381	Automobile Body Repairman	2,200	440	160	80	0	200	540	17.0301	Body and Fender
807.381	Inspector, Fabrication	20	0	0	0	0	0	0	17.0401	Aircraft Maintenance
809.130	Foreman, Metal Fabricating	400	0	0	0	0	0	0	17.2305	Sheet Metal
	Subtotal	12,800	1,180	620	80	0	480	1,300		
Welders, Flame Cutters, and Related										
810.884	Welder, Arc	1,900	720	200	0	0	520	780	17.2306	Welding and Cutting
812.884	Welder, Repair	200	0	0	0	0	0	60	17.2306	Welding and Cutting
	Subtotal	2,100	720	200	0	0	520	840		

STRUCTURAL WORK OCCUPATIONS (cont.)

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
El[illegible] Assembling, Installing, & Repairing										
82[illegible]	[illegible]ne[illegible]	40	0	0	0	0	0	0	17.1402	Lineman
8[illegible]	[illegible]	260	20	20	0	0	0	60	17.1402	Lineman
822.281	[illegible] [illegible]ge Repair	140	0	0	0	0	0	20	17.1501	Communications
822	[illegible]ine Inspector	20	0	0	0	0	0	0	17.1402	Lineman
822.3[illegible]	Private Branch Exchange Installer	80	0	0	0	0	0	40	17.1501	Communications
822.381	Cable Repairman	140	0	0	0	0	0	0	17.1402	Lineman
823.281	Public Address System R[illegible]ir	300	0	0	0	0	0	0	*	
824.281	Electrician	2,480	300	80	0	0	220	100	17.1002	Electricity
825.281	Electrician, Airplanes	20	0	0	0	0	0	0	17.0401	Aircraft Maintenance
825.381	Electrical Inspector	40	0	0	0	0	0	0	17.0401	Aircraft Maintenance
827.281	Household Appliance Repairman	240	0	0	0	0	0	0	17.02	Appliance Repair
827.281	Electrical Appliance Serviceman	260	40	20	0	20	0	20	17.0201	Electrical Appliances
827.381	Household Appliance Installation Man	20	0	0	0	0	0	0	17.02	Appliance Repair
827.884	Air Conditioning Installer	360	40	0	0	0	40	80	17.0101	Cooling
829.281	Electrical Repairman	10,120	1,200	1,200	0	0	0	0	17.14	Electrical Occupations
829.281	Pinsetter, Mechanic (Automatic)	100	20	0	0	0	20	0	17.1401	Industrial Electrician
829.887	Electrician Helper	140	0	0	0	0	0	20	17.1002	Electricity
	Subtotal	14,760	1,620	1,320	0	20	280	340		
Painting, Plastering, Waterproofing, Cementing, and Related										
840.781	Painter	720	320	180	0	0	140	360	17.1005	Painting and Decorating
840.887	Drywall Sander	220	40	0	0	0	40	80	17.1008	Drywall Installation
842.781	Plasterer	160	0	0	0	0	0	0	17.1006	Plastering
842.884	Taper	1,180	180	0	0	0	160	320	17.1008	Drywall Installation
843.134	Waterproofing Maker	20	60	60	0	0	0	40	*	
843.884	Waterproofer	40	0	0	0	0	0	0	17.1005	Painting and Decorating
843.887	Waterproofer, Helper	60	20	0	0	0	20	0	17.1005	Painting and Decorating
844.884	Cement Mason	520	220	100	0	0	120	140	17.1099	Const. & Maintenance Trades, Other
844.887	Cement Mason, Helper	1,000	400	20	0	0	380	520	17.1099	Const. & Maintenance Trades, Other
845.781	Painter, Automobile	300	0	0	0	0	0	40	17.0301	Body and Fender
	Subtotal	4,220	1,240	360	0	0	880	1,500		
Excavating, Grading, Paving & Related										
850.883	Bulldozer Operator	1,380	1,540	900	20	0	620	1,820	17.1003	Operation, Heavy Equipment
850.887	Laborer, Road	680	200	100	0	0	100	400	*	
851.883	Motor-Grader Operator	1,260	60	20	0	40	0	60	17.1003	Operation, Heavy Equipment
851.884	Pipe Layer	240	40	0	0	0	40	0	17.1007	Plumbing & Pipefitting
852.884	Concrete Paver Operator, Helper	180	80	40	0	0	40	80	17.1003	Operation, Heavy Equipment
853.782	Asphalt Plant Operator	20	0	0	0	0	0	0	17.1003	Operation, Heavy Equipment
859.131	Excavator	60	0	0	0	0	0	0	*	

STRUCTURAL WORK OCCUPATIONS (cont.)

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
859.782	Well-Driller Operator	720	140	40	40	0	60	100	17.1003	Operation, Heavy Equipment
859.883	Dragline Operator	40	0	0	0	0	0	0	17.1003	Operation, Heavy Equipment
859.884	Bricklayer	100	0	0	0	0	0	40	17.1004	Masonry
	Subtotal	4,680	2,060	1,100	60	40	860	2,500		
Construction, Other										
860.131	Carpenter, Foreman	160	20	0	0	0	20	20	17.1001	Carpentry
860.137	Carpenter Labor, Foreman	60	0	0	0	0	0	0	17.1001	Carpentry
860.381	Carpenter	5,080	1,900	580	60	0	1,260	1,520	17.1001	Carpentry
860.781	Billboard Erector & Repairman	200	100	0	0	0	100	200	17.1001	Carpentry
860.887	Carpenter, Helper	280	100	60	0	0	40	20	17.1001	Carpentry
861.131	Bricklayer, Foreman	60	0	0	0	0	0	0	17.1004	Masonry
861.381	Bricklayer	1,260	320	220	20	0	80	120	17.1004	Masonry
861.781	Tile Setter	20	0	0	0	0	0	0	17.1004	Masonry
861.887	Bricklayer, Helper	240	100	100	0	0	0	160	17.1004	Masonry
862.131	Plumber, Foreman	20	0	0	0	0	0	0	17.1007	Plumbing and Pipefitting
862.381	Plumber	2,100	620	460	60	0	100	980	17.1007	Plumbing and Pipefitting
862.884	Soft Water Serviceman	80	0	0	0	0	0	0	*	
862.884	Plumber, Helper	180	0	0	0	0	0	60	17.1007	Plumbing and Pipefitting
862.887	Oil Burner Installation and Serviceman, Helper	60	0	0	0	0	0	0	17.0102	Heating
862.887	Laborer, Plumbing	80	20	0	0	0	20	20	17.1007	Plumbing and Pipefitting
863.884	Insulation Installer	1,160	200	100	0	0	100	20	17.1099	Const. & Maintenance Trades, Other
864.884	Floor Finisher	20	0	0	0	0	0	0	*	
865.781	Glazier	200	0	0	0	0	0	0	17.1009	Glazing
865.884	Glass Installer	20	20	20	0	0	0	0	17.0303	Specialization, Other
866.381	Roofer	600	20	0	0	0	20	20	17.1010	Roofing
866.887	Roofer, Helper	520	260	60	0	0	200	400	17.1010	Roofing
869.281	Furnace Installer & Repairman	20	0	0	0	0	0	0	17.0102	Heating
869.782	Cement Pump Operator	320	0	0	0	0	0	0	17.1003	Operation, Heavy Equipment
869.884	Construction Worker	1,680	1,160	340	0	0	820	1,700	*	
869.884	Sign Erector	200	20	0	0	0	20	0	17.1099	Const. & Maintenance Trades, Other
	Subtotal	14,620	4,860	1,940	140	0	2,780	5,240		
Structural Work, Other										
891.138	Maintenance Foreman	60	20	0	20	0	0	20	*	
891.884	Swimming Pool Serviceman	20	0	0	0	0	0	0	17.1099	Const. & Maintenance Trades, Other
891.887	Furnace Cleaner	100	0	0	0	0	0	20	*	
892.883	Laborer, Hoisting	20	0	0	0	0	0	0	17.1003	Operation, Heavy Equipment
899.381	Maintenance Man, Building	2,300	240	20	0	0	220	160	17.10	Const. & Maintenance Trades
899.884	House Trailer Utility Man	60	0	0	0	0	0	0	*	
899.884	Sewer Cleaner	60	0	0	0	0	0	0	*	
	Subtotal	2,620	260	20	20	0	220	200		
TOTAL–STRUCTURAL WORK OCCUPATIONS		55,800	11,940	5,560	300	60	6,020	11,920		

*No Vocational Instructional Program Listed

TABLE 10
MISCELLANEOUS OCCUPATIONS

OCCUPATIONAL GROUP		Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 years	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title			Expansion	Retirement	Promotion	Turnover		H.E.W. Number	Program
Motor Freight										
900.883	Concrete Truck Driver	240	80	80	0	0	0	0	*	
902.883	Dump Truck Driver	540	160	100	20	0	40	140	*	
903.883	Truck Driver, Inflammables	1,800	80	40	0	0	40	100	*	
904.883	Trailer-Truck Driver	2,300	300	200	0	0	100	60	*	
905.883	Truck Driver, Heavy	5,380	1,660	360	60	0	1,240	1,760	*	
906.883	Truck Driver, Light	1,900	680	60	20	20	580	1,160	*	
909.128	Safety Engineer	20	0	0	0	0	0	0	*	
909.138	Driver Supervisor	20	0	0	0	0	0	0	*	
909.883	Driver, Moving Van, Garbage, Etc.	1,500	400	0	0	0	400	800	*	
909.887	Furniture Mover	620	80	40	0	0	40	180	*	
	Subtotal	',320	3,440	880	100	20	2,440	4,200		
Transportation, Other										
912.384	Airport Serviceman	40	0	0	0	0	0	0	17.0403	Ground Operations
912.887	Aircraft Refueler	140	80	0	0	0	80	60	*	
913.138	Supervisor, Cab	20	0	0	0	0	0	0	04.19	Transportation
913.168	Dispatcher	520	120	0	0	0	120	440	04.19	Transportation
913.463	Bus Driver and Taxi Driver	6,980	14,700	100	200	0	14,400	28,180	04.19	Transportation
913.883	Chauffeur	60	0	0	0	0	0	0	*	
915.137	Car Wash Supervisor	40	0	0	0	0	0	0	04.03	Automotive
915.867	Trailer Rental Attendant	60	0	0	0	0	0	0	04.03	Automotive
915.867	Automobile Service Station Attendant	7,160	1,820	360	20	0	1,440	1,240	04.16	Petroleum
915.878	Parking Lot Attendant	620	40	0	0	0	40	20	04.03	Automotive
915.878	Auto. Self-Service Station Attendant	80	20	0	0	0	20	40	04.03	Automotive
915.884	Tire Repairman	80	40	20	20	0	0	0	*	
915.884	Garage Serviceman	460	60	60	0	0	0	20	*	
915.887	Lubrication Man	60	0	0	0	0	0	0	*	
915.887	Taxi Serviceman	120	0	0	0	0	0	60	*	
919.168	Dispatcher, Motor Vehicles	160	0	0	0	0	0	0	14.0505	Traffic, Rate, & Transportation Clerk
919.368	Traffic Checker	20	0	0	0	0	0	0	14.0505	Traffic, Rate, & Transportation Clerk
919.478	Car Rental Clerk	100	20	0	0	0	20	60	04.03	Automotive
919.883	Tow-Truck Operator	120	100	0	0	0	100	160	*	
919.883	Delivery Man	60	0	0	0	0	0	20	04.08	General Merchandise
	Subtotal	16,900	17,000	540	240	0	16,220	30,300		
Packaging & Materials Handling										
920.132	Packaging Foreman	140	0	0	0	0	0	0	*	
920.885	Packager, Machine	240	40	0	0	0	40	40	*	
920.887	Packager, Hand	640	440	380	0	0	60	100	*	
920.887	Bagger	260	220	40	0	0	180	160	04.06	Food Distribution

MISCELLANEOUS OCCUPATIONS (cont.)

OCCUPATIONAL GROUP			PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
921.883	Truck-Crane Operator	240	0	0	0	0	0	0	17.1003	Operation, Heavy Equipment
922.138	Platform, Foreman	100	20	20	0	0	0	0	*	
922.883	Fork Life Operator	200	40	0	0	0	40	20	17.1003	Operation, Heavy Equipment
922.887	Laboratory Sample Carrier	20	0	0	0	0	0	0	*	
922.887	Yardman (Lumber)	100	0	0	0	0	0	0	04.09	Hdwe., Bldg. Materials, Farm and Garden Sup./Eq.
922.887	Laborer, Stores	1,700	180	0	20	40	120	200	04.20	Retail Trade, Other
922.887	Loader	100	20	0	0	0	20	0	04.19	Transportation
929.133	Materials-Handling Foreman	80	0	0	0	0	0	0	04.19	Transportation
929.137	Yardman (Retail Trade)	920	200	80	0	0	120	100	04.09	Hdwe., Bldg. Materials, Farm and Garden Sup./Eq.
929.138	Warehouse Worker	420	80	0	0	0	80	100	*	
929.887	Elevator Man	40	0	0	0	0	0	0	*	
929.887	Material Handler	660	60	60	0	0	0	0	04.19	Transportation
	Subtotal	5,860	1,300	580	20	40	660	720		
Extraction of Minerals										
939.887	Quarry Worker	20	0	0	0	0	0	0	*	
	Subtotal	20	0	0	0	0	0	0		
Production & Distribution of Utilities										
950.132	Refrigeration Foreman	80	0	0	0	0	0	0	17.30	Refrigeration
950.782	Stationary Engineer	40	0	0	0	0	0	0	17.32	Stationary Energy Sources, Occup.
951.885	Fireman, Stationary Boiler	100	0	0	0	0	0	20	17.32	Stationary Energy Sources, Occup.
952.782	Diesel Plant Operator	300	0	0	0	0	0	0	17.3201	Electric Power Generator Plant
955.887	Street Cleaner	600	40	40	0	0	0	40	*	
957.282	Control Room Technician	20	0	0	0	0	0	0	16.0108	Electronic Technology
	Subtotal	1,140	40	40	0	0	0	60		
Amusement, Recreation & Motion Picture										
960.382	Motion Picture Projectionist	160	20	0	0	0	20	20	*	
	Subtotal	160	20	0	0	0	20	20		
Graphic Art Work										
970.281	Business Forms Designer	40	0	0	0	0	0	0	*	
970.281	Photograph Retoucher	20	20	0	0	0	20	20	17.0901	Photographic, Lab. & Darkroom, Occup.
970.381	Layout Man, Signs	300	100	0	0	0	100	200	17.07	Commercial Art Occupations
971.281	Etcher, Hand	20	0	0	0	0	0	0	17.1904	Photoengraving
971.381	Photoengraver	60	0	0	0	0	0	0	17.1904	Photoengraving
971.382	Photographer, Photoengraving	20	0	0	0	0	0	0	17.1904	Photoengraving
972.381	Transferer	40	0	0	0	0	0	0	17.1903	Lithography, Photography & Platemaking
973.381	Compositor	2,100	100	40	0	0	60	200	17.1901	Composition, Make-up & Typesetting
976.381	Developer	320	120	0	20	40	60	120	17.0901	Photographic, Lab. & Darkroom, Occup.
976.884	Contact Frame Operator	20	0	0	0	0	0	0	17.0901	Photographic, Lab. & Darkroom, Occup.

MISCELLANEOUS OCCUPATIONS (cont.)

OCCUPATIONAL GROUP				PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
976.886	Photograph Finisher	20	0	0	0	0	0	0	17.0901	Photographic, Lab. & Darkroom, Occup.
977.781	Bookbinder	60	0	0	0	0	0	40	*	
977.884	Bookbinder, Apprentice	220	40	40	0	0	0	0	*	
979.138	Production Supervisor	100	0	0	0	0	0	0	17.19	Graphic Arts Occupations
979.381	Copy Camera Man	240	80	0	0	20	60	120	17.0901	Photographic, Lab. & Darkroom, Occup.
979.782	Blueprint Maker	100	20	0	0	0	20	40	*	
	Subtotal	3,680	480	80	20	60	320	740		
TOTAL–MISCELLANEOUS OCCUPATIONS		42,080	22,280	2,120	380	120	19,660	36,040		

*No Vocational Instructional Training Program Listed

TABLE 11
OCCUPATIONS WITH NO D.O.T. NUMBER

OCCUPATIONAL GROUP				PROJECTED REASON FOR NEED					INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title	Projected Employment	Projected Need Next 12 Months	Expansion	Retirement	Promotion	Turnover	Projected Need Following 2 years	H.E.W. Number	Program
	Teachers Aide	820	80	60	20	0	0	60	*	
	Car Wash Boys	1,120	400	0	0	0	400	500	*	
	Pulmonary Technician	40	0	0	0	0	0	0	*	
	Agriculture Stabilization and Conservation Service Employee	240	0	0	0	0	0	0	*	
TOTAL–OCCUPATIONS WITH NO D.O.T. NUMBER		2,220	480	60	20	0	400	560		

*No Vocational Instructional Training Program Listed

FIVE YEAR COMPOSITE STUDY

An important benefit gained from the model design resulted from combining and averaging the data from the past five years during which the study has been conducted. The sampling percentage of the state-wide population of firms is admittedly smaller than is desirable. However, a five percent sampling is as large as can be managed for a given year with existing limitations of finance and personnel. Offsetting this recognized delimitation is the advantage gained by combining summaries of each year the study was conducted.

The 1973 study is the fourth year of the composite summary section which is presented as a more stable employment projection. The averaging of the individual yearly projections compensates for under- or over-sampling due to limitations of the study.

Only the totals have been reported for the three major areas of "Projected Employment," "Projected Need Next 12 Months," and "Projected Need Following 2 Years." The reasons the need existed has been dropped from the Composite Study.

Tables 12 through 20 present the composite data by major vocational technical area from the years 1969, 1970, 1971, 1972, and 1973.

It should be recognized, when comparing data relative to employees needed for the next twelve months, that the data averaged together are for different calendar years. Consequently, the data do not actually project for the same twelve month period but are an average projection, gained from the years in which the survey was conducted. The same interpretation would need to be applied concerning the number of employees estimated to be needed during the following two years.

Previous studies did not include a section for Technical Education which is included in the 1973 study. Preliminary coding by *Dictionary of Occupational Titles* and matching to corresponding vocational programs necessitates inclusion of the Technical Education Section.

Inclusion of all instructional training areas with six digits has expanded the listings of Part II. Previous studies did not yield data for the areas which are blank in the 1973 report. Subsequent studies and more complete coding procedures will begin to identify need for all instructional training areas.

TABLE 12
COMPOSITE DATA TOTALLED BY MAJOR VOCATIONAL TECHNICAL AREA (Five Year)*

	Now Employed		Projected Future Needs			
			Projected Next 12 Months		Projected Following 2 Years	
	Number	Percentage of Total	Number	Percentage of Total	Number	Percentage of Total
Agricultural Occupations	114,274[a]	17.6	15,104[b]	13.3	14,279[b]	10.2
Distributive Occupations	125,635	19.4	27,826	24.6	38,879	27.7
Health Occupations	27,810	4.3	3,988	3.5	5,998	4.3
Home Economics Occupations	12,604	1.9	2,083	1.8	2,264	1.6
Office Occupations	123,795	19.1	17,091	15.1	23,795	17.0
Technology Occupations	3,641	.6	399	.4	407	.3
Trade and Industrial Occupations	182,385	28.1	37,230	32.8	43,416	30.9
Other Occupations	58,037	9.0	9,652	8.5	11,249	8.0
Total	648,181		113,373		140,287	

[a]Includes self-employed farmers, Nebraska Department of Agriculture, *Nebraska 1972 Preliminary County Estimates and State Agricultural Data*, loc. cit.

[b]Genereaux, Douglas, loc. cit.

*The 1968 Report was dropped from this composite

TABLE 13
COMPOSITE DATA FOR AGRICULTURAL OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employed	Projected Future Needs	
			Next 12 Months	Following 2 Years
	Professional	–	–	–
	Managerial	3,706	197	249
01.0100	Agricultural Production	32,898	8,012	7,192
01.0101	Animal Science	–	–	–
01.0102	Plant Science	–	–	–
01.0104	Farm Business Management	–	–	–
01.0200	Agricultural Supplies/Services	6,488	2,093	1,134
01.0201	Agricultural Chemicals	–	–	–
01.0202	Feeds	–	–	–
01.0203	Seeds	–	–	–
01.0299	Agricultural Supplies/Services, Other	–	–	–
01.0300	Agricultural Mechanics	3,224	1,190	1,066
01.0301	Agricultural Power and Machinery	–	–	–
01.0304	Water Management	–	–	–
01.0400	Agricultural Products (Proc., Insp. & Mark't.)	8,884	1,648	1,905
01.0401	Food Products	–	–	–
01.0402	Nonfood Products	–	–	–
01.0500	Ornamental Horticulture	1,368	714	692
01.0501	Arboriculture	–	–	–
01.0502	Floriculture	–	–	–
01.0504	Landscaping	–	–	–
01.0505	Nursery Operation and Management	–	–	–
01.0506	Turf Management	–	–	–
01.0600	Agricultural Resources (Conservation, Utilization, and Services)	1,149	235	126
01.0601	Forests	–	–	–
01.0602	Recreation	–	–	–
01.0603	Soil	–	–	–
01.0604	Wildlife (Including Game Farms and Hunting Areas)	–	–	–
01.0605	Water	–	–	–
01.0607	Fish (Including Farms and Hatcheries)	–	–	–
01.0700	Forestry (Production, Processing, Management, Marketing, and Services)	83	60	13
01.0703	Logging (Harvesting and Transporting)	–	–	–
01.0706	Special Products	–	–	–
01.9900	Agriculture, Other	40	4	0
	Self-Employed	56,434[a]	951[b]	1,902[b]
	Totals	114,274	15,140	14,279

[a]Nebraska Department of Agriculture, *Nebraska 1972 Preliminary County Estimates and State Agricultural Data*, loc. cit.

[b]Genereaux, Douglas, loc. cit.

TABLE 14
COMPOSITE DATA FOR DISTRIBUTIVE OCCUPATIONS

	INSTRUCTIONAL TRAINING AREA	Projected Employed	Projected Future Needs	
			Next 12 Months	Following 2 Years
	Professional	–	–	–
	Managerial	9,168	699	625
04.0100	Advertising Services	1,831	119	135
04.0200	Apparel and Accessories	6,958	1,273	1,767
04.0300	Automotive	4,857	718	729
04.0400	Finance and Credit	5,506	717	1,024
04.0500	Floristry	650	97	105
04.0600	Food Distribution	10,172	3,670	6,239
04.0700	Food Services	2,170	242	431
04.0800	General Merchandise	12,542	3,432	5,140
04.0900	Hardware, Building Materials, Farm and Garden Supplies and Equipment	5,430	863	867
04.1000	Home Furnishings	2,190	325	1,580
04.1100	Hotel and Lodging	1,191	118	267
04.1200	Industrial Marketing	8,391	462	462
04.1300	Insurance	7,689	536	769
04.1400	International Trade	–	–	–
04.1500	Personal Services	801	44	85
04.1600	Petroleum	10,298	2,714	3,579
04.1700	Real Estate	3,862	449	585
04.1800	Recreation and Tourism	3,625	1,485	2,610
04.1900	Transportation	24,972	8,663	11,804
04.2000	Retail Trade, Other	2,944	1,176	40
04.3100	Wholesale Trade, Other	320	24	32
04.9900	Distributive Education, Other	68	0	4
	Totals	125,635	27,826	38,879

TABLE 15
COMPOSITE DATA FOR HEALTH OCCUPATIONS

	INSTRUCTIONAL TRAINING AREA	Projected Employed	Projected Future Needs	
			Next 12 Months	Following 2 Years
	Dental			
	Professional	1,611	222	289
	Managerial	–	–	–
07.0101	Dental Assisting	1,051	143	193
07.0102	Dental Hygiene (Associate Degree)	81	32	13
07.0103	Dental Lab. Technology	198	99	102
	Medical			
	Professional	4,369	260	564
	Managerial	870	24	160
07.0200	Medical Laboratory Technology	1,286	200	302
07.0201	Cytology (Cytotechnology)	–	–	–
07.0202	Histology	–	–	–
07.0203	Medical Laboratory Assisting	–	–	–
07.0204	Hematology	–	–	–
07.0300	Nursing	16,593	2,782	4,060
07.0301	Nursing (Associate Degree)	–	–	–
07.0302	Practical (Vocational) Nursing	–	–	–
07.0303	Nursing Assistance (Aid)	–	–	–

HEALTH (cont.)

INSTRUCTIONAL TRAINING AREA	Projected Employed	Projected Future Needs	
		Next 12 Months	Following 2 Years
07.0304 Psychiatric Aid	–	–	–
07.0305 Surgical Technician (Operating Room Technician)	–	–	–
07.0306 Obstetrical Technician	–	–	–
07.0307 Home Health Aid	–	–	–
07.0400 Rehabilitation	410	24	95
07.0401 Occupational Therapy	–	–	–
07.0402 Physical Therapy	–	–	–
07.0403 Prosthetics	–	–	–
07.0404 Orthotics	–	–	–
07.0500 Radiologic	553	82	116
07.0501 Radiologic Technology (X-Ray)	–	–	–
07.0503 Nuclear Medical Technology	–	–	–
07.0600 Ophthalmic	349	35	33
07.0601 Ophthalmic Dispensing	–	–	–
07.0602 Orthoptics	–	–	–
07.0700 Environmental Health Assistant	47	13	7
07.0702 Radiological Health Technician	–	–	–
07.0703 Sanitarian Assistant	–	–	–
07.0800 Mental Health Technology	–	–	–
07.0900 Miscellaneous Health Occupations Education	–	–	–
07.0901 Electroencephalograph Technician	20	4	4
07.0902 Electrocardiograph Technician	40	12	8
07.0903 Inhalation Therapy	104	20	20
07.0904 Medical Assistant (Assistant in Physician's Of.)	80	8	4
07.0905 Central Supply Technician	120	28	24
07.0907 Medical Emergency Technician	4	0	0
07.0909 Mortuary Science	24	0	4
Totals	27,810	3,988	5,998

TABLE 16
COMPOSITE DATA FOR HOME ECONOMICS OCCUPATIONS

INSTRUCTIONAL TRAINING AREA	Projected Employed	Projected Future Needs	
		Next 12 Months	Following 2 Years
Professional	–	–	–
Managerial	692	68	113
09.0200 Occupational Preparation	–	–	–
09.0201 Care and Guidance of Children	328	88	133
09.0202 Clothing Management, Production, and Services	1,362	163	189
09.0203 Food Management, Production and Services	3,367	506	640
09.0204 Home Furnishings, Equipment, and Services	220	19	25
09.0205 Institutional and Home Management and Supporting Services	6,514	1,239	1,162
Totals	12,483	2,083	2,262

TABLE 17
COMPOSITE DATA FOR OFFICE OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employed	Projected Future Needs	
			Next 12 Months	Following 2 Years
	Professional	1,666	235	432
14.0100	Accounting and Computing Occupations	16,902	1,996	2,713
14.0101	Accountants	–	–	–
14.0102	Bookkeepers	–	–	–
14.0103	Cashiers	–	–	–
14.0104	Machine Operators: Billing, Bookkeeping and Computing	–	–	–
14.0105	Tellers	–	–	–
14.0199	Accounting and Computing Occupations, Other	–	–	–
14.0200	Business Data Processing Systems Occupations	6,768	890	1,262
14.0201	Computer and Console Operators	–	–	–
14.0202	Peripheral Equip. Operators & Keypunch and Coding	–	–	–
14.0203	Programmers	–	–	–
14.0204	Systems Analysts	–	–	–
14.0300	Filing, Office Machines, and General Office Clerical Occupations	37,115	6,153	9,249
14.0301	Duplicating Machine Operators	–	–	–
14.0302	File Clerks	–	–	–
14.0303	General Office Clerks	–	–	–
14.0399	Filing, Office Machines, and General Office Clerical Occupations, Other	–	–	–
14.0400	Information Communication Occupations	13,815	1,059	942
14.0401	Communication Systems Clerks and Operators	–	–	–
14.0402	Correspondence Clerks	–	–	–
14.0403	Mail and Postal Clerks	–	–	–
14.0404	Mail-Preparing and Mail-Handling Machine Operators	–	–	–
14.0405	Messengers and Office Boys and Girls	–	–	–
14.0406	Receptionists and Information Clerks	–	–	–
14.0499	Information Communication Occupations, Other	–	–	–
14.0500	Materials Support Occupations (Transporting, Storing and Recording)	3,634	671	432
14.0501	Planning and Production Clerks	–	–	–
14.0502	Quality Control Clerks	–	–	–
14.0503	Shipping and Receiving Clerks	–	–	–
14.0504	Stock and Inventory Clerks	–	–	–
14.0505	Traffic, Rate, and Transportation Clerks	–	–	–
14.0599	Materials Support Occupations (Transporting, Sorting and Recording, Other	–	–	–
14.0600	Personnel, Training, and Related Occupations	2,166	542	337
14.0601	Educational Assistants and Training Specialists	–	–	–
14.0602	Interviewers and Test Technicians	–	–	–
14.0603	Personnel Assistants	–	–	–
14.0699	Personnel, Training, and Related, Other	–	–	–
14.0700	Stenographic, Secretarial, and Related Occupations	17,723	2,190	3,089
14.0701	Executive Secretary	–	–	–
14.0702	Secretaries	–	–	–
14.0703	Stenographers	–	–	–
14.0800	Supervisory and Administrative Management Occup.	12,846	2,183	3,574
14.0801	Administrative Assistants	–	–	–
14.0802	Budget Management Analysts	–	–	–
14.0804	Data-Methods and System-Procedures Analysts	–	–	–
14.0805	Office Managers and Chief Clerks	–	–	–

OFFICE (cont.)

INSTRUCTIONAL TRAINING AREA		Projected Employed	Projected Future Needs: Next 12 Months	Projected Future Needs: Following 2 Years
14.0899	Supervisory and Administrative Management Occupations, Other	–	–	–
14.0900	Typing and Related Occupations	10,880	1,132	1,689
14.0901	Clerk-Typists	–	–	–
14.0902	Typists	–	–	–
14.9900	Office Occupations, Other	280	40	76
	Totals	123,795	17,091	23,795

TABLE 18
COMPOSITE DATA FOR TECHNOLOGY OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employed	Projected Future Needs: Next 12 Months	Projected Future Needs: Following 2 Years
16.0100	Engineering and Related	–	–	–
16.0101	Aeronautical Technology	4	0	0
16.0103	Architectural Engineering Technology	667	120	102
16.0105	Chemical Technology	246	26	28
16.0106	Civil Engineering Technology	370	95	75
16.0107	Electrical Technology	36	8	20
16.0108	Electronic Technology	4	0	0
16.0109	Electro Mechanical Technology	1,078	55	60
16.0111	Industrial Engineering Technology	217	8	7
16.0112	Instrumentation Technology	64	20	24
16.0113	Mechanical Engineering Technology	819	67	87
16.0116	Petroleum Technology	4	0	0
16.0200	Agricultural Related Technology	48	0	0
16.0203	Food Processing Technology	24	0	4
16.0499	Office Related Technology	8	0	0
16.0601	Commercial Pilot Training	52	0	0
	Totals	3,641	399	407

TABLE 19
COMPOSITE DATA FOR TRADE AND INDUSTRIAL OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employed	Projected Future Needs: Next 12 Months	Projected Future Needs: Following 2 Years
	Professional	–	–	–
	Managerial	9,799	553	590
17.0100	Air Conditioning	1,509	231	252
17.0101	Cooling	–	–	–
17.0102	Heating	–	–	–
17.0103	Ventilating (Filtering and Humidification)	–	–	–
17.0200	Appliance Repair	1,051	185	209
17.0201	Electrical Appliances	–	–	–
17.0202	Gas Appliances	–	–	–

TRADE AND INDUSTRIAL (cont.)

INSTRUCTIONAL TRAINING AREA	Projected Employed	Projected Future Needs	
		Next 12 Months	Following 2 Years
17.0300 Automotive	20	12	12
17.0301 Body and Fender	1,575	295	228
17.0302 Mechanics	7,314	1,277	1,514
17.0303 Specialization, Other	1,323	337	463
17.0400 Aviation Occupations	–	–	–
17.0401 Aircraft Maintenance	348	99	71
17.0402 Aircraft Operations	160	77	55
17.0403 Ground Operations	489	174	81
17.0500 Blueprint Reading	141	20	24
17.0600 Business Machine Maintenance	730	80	47
17.0700 Commercial Art Occupations	744	83	129
17.0701 Interior Decorating	–	–	–
17.0702 Window Display	–	–	–
17.0703 Product Design	–	–	–
17.0800 Commercial Fishery Occupations	8	0	0
17.0801 Seamanship	–	–	–
17.0802 Ship and Boat Operation and Maintenance	–	–	–
17.0899 Commercial Fishery Occupations, Other	–	–	–
17.0900 Commercial Photography Occupations	662	148	221
17.0901 Photographic Laboratory and Darkroom Occupations	–	–	–
17.1000 Construction and Maintenance Trades	508	48	32
17.1001 Carpentry	11,772	3,517	3,994
17.1002 Electricity	1,245	238	178
17.1003 Heavy Equipment	11,977	2,540	2,875
17.1004 Masonry	4,395	1,561	919
17.1005 Painting and Decorating	2,160	693	963
17.1006 Plastering	48	0	8
17.1007 Plumbing and Pipefitting	2,973	532	571
17.1008 Dry-Wall Installation	1,202	156	313
17.1009 Glazing	287	47	47
17.1010 Roofing	1,062	326	344
17.1099 Construction and Maintenance Trades, Other	1,008	348	392
17.1100 Custodial Services	16,357	2,004	2,435
17.1200 Diesel Mechanic	692	76	53
17.1300 Drafting	1,143	219	229
17.1400 Electrical Occupations	2,024	240	0
17.1401 Industrial Electrician	943	98	110
17.1402 Lineman	1,097	138	80
17.1403 Motor Repairman	181	31	4
17.1500 Electronics Occupations	–	–	–
17.1501 Communications	5,073	531	677
17.1502 Industrial Electronics	3,776	244	797
17.1503 Radio/Television	981	118	104
17.1600 Fabric Maintenance Services	28	0	0
17.1601 Drycleaning	1,066	61	70
17.1602 Laundering	1,535	232	342
17.1699 Fabric Maintenance Services, Other	–	–	–
17.1700 Foremanship, Supervision & Management Dev.	3,138	338	125
17.1900 Graphic Arts Occupations	5,670	840	705
17.1901 Composition, Makeup, and Typesetting	–	–	–
17.1902 Printing Press Occupations	–	–	–
17.1903 Lithography, Photography, and Platemaking	–	–	–
17.1904 Photoengraving	–	–	–
17.1905 Silk Screen Making and Printing	–	–	–
17.1906 Bookbinding	–	–	–

TRADE AND INDUSTRIAL (cont.)

INSTRUCTIONAL TRAINING AREA	Projected Employed	Projected Future Needs	
		Next 12 Months	Following 2 Years
17.1999 Graphic Arts, Other	–	–	–
17.2000 Industrial Atomic Energy	–	–	–
17.2001 Installation, Operation, and Maintenance of Reactors	–	–	–
17.2002 Radiography	–	–	–
17.2003 Industrial Uses of Radioisotopes	–	–	–
17.2099 Industrial Atomic Energy, Other	–	–	–
17.2100 Instrument Maintenance and Repair	2,712	180	104
17.2101 Instruments (Other than Watches & Clocks)	–	–	–
17.2102 Watchmaking and Repair	–	–	–
17.2200 Maritime Occupations	12	0	0
17.2300 Metalworking	–	–	–
17.2301 Foundry	927	309	384
17.2302 Machine Shop	10,177	2,078	3,011
17.2303 Machine Tool Operation	4,136	204	582
17.2304 Metal Trades, Combined	1,613	197	301
17.2305 Sheet Metal	2,785	705	359
17.2306 Welding and Cutting	4,340	712	460
17.2307 Tool and Die Making	394	88	40
17.2308 Die Sinking	–	–	–
17.2309 Metal Patternmaking	10	0	0
17.2399 Metalworking, Other	36	0	0
17.2400 Metallurgy	–	–	–
17.2600 Personal Services	–	–	–
17.2601 Barbering	670	67	23
17.2602 Cosmetology	2,581	382	366
17.2699 Personal Services, Other	–	–	–
17.2700 Plastics Occupations	162	162	178
17.2800 Public Service Occupations	–	–	–
17.2801 Fireman Training	209	20	33
17.2802 Law Enforcement Training	3,434	1,032	1,883
17.2899 Public Service, Other	4	0	0
17.2900 Quantity Food Occupations	–	–	–
17.2901 Baker	486	163	348
17.2902 Cook/Chef	13,281	3,878	6,566
17.2903 Meat Cutter	2,123	251	315
17.2904 Waiter/Waitress	18,406	7,028	6,953
17.2999 Quantity Food Occupations, Other	204	8	16
17.3000 Refrigeration	377	40	33
17.3100 Small Engine Repair, Internal Combustion	506	116	71
17.3200 Stationary Energy Sources Occupations	624	33	44
17.3201 Electric Power Generating Plants	–	–	–
17.3202 Pumping Plants	–	–	–
17.3299 Stationary Energy Sources, Other	–	–	–
17.3300 Textile Production and Fabrication	1,200	231	52
17.3301 Dressmaking	–	–	–
17.3302 Tailoring	–	–	–
17.3399 Textile Production and Fabrication	–	–	–
17.3400 Leatherworking	111	0	23
17.3401 Shoe Manufacturing	–	–	–
17.3402 Shoe Repair	–	–	–
17.3500 Upholstering	1,559	356	491
17.3600 Woodworking	1,092	243	517
17.3601 Millwork and Cabinet Making	–	–	–

TRADE AND INDUSTRIAL (cont.)

INSTRUCTIONAL TRAINING AREA	Projected Employed	Projected Future Needs	
		Next 12 Months	Following 2 Years
17.3699 Woodworking, Other	–	–	–
17.9900 Trade and Industrial Occupations	–	–	–
Totals	182,385	37,230	43,416

TABLE 20
COMPOSITE DATA FOR OTHER OCCUPATIONS

INSTRUCTIONAL TRAINING AREA	Projected Employed	Projected Future Needs	
		Next 12 Months	Following 2 Years
Professional			
Managerial	34,245	6,359	3,627
Laborers Unskilled and Production line workers	22,746	3,209	7,546
Municipal Employees	1,046	84	76
Totals	58,037	9,652	11,249

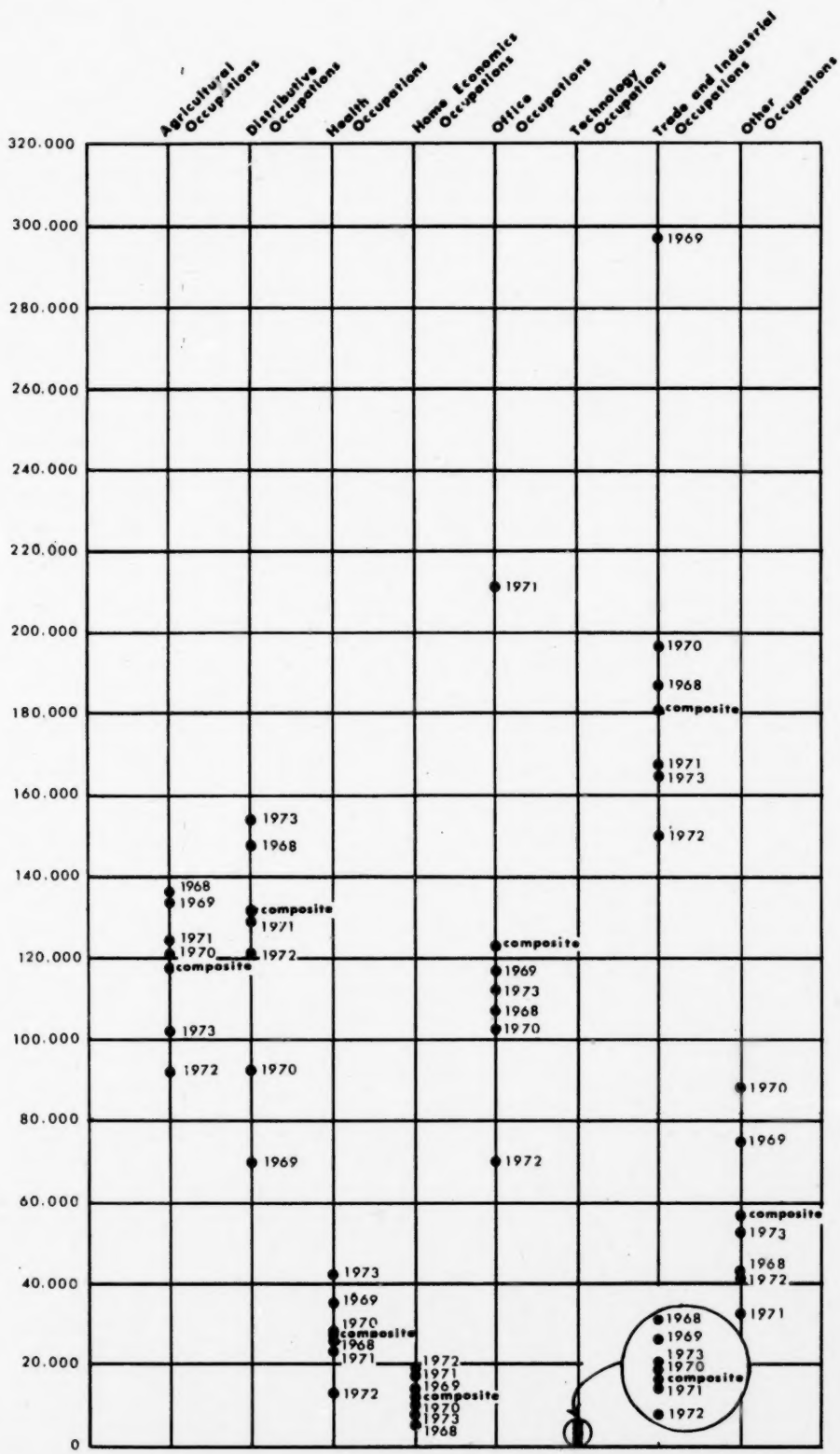

Figure 1-- Projected number of persons employed in Nebraska from 1968-1973, by Major Vocational-Technical Area.